Anti-RPS6KB2 antibody (1-120) [S3MR] (STJ11102423)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

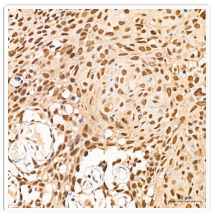
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 53kDa Observed Mw: 60kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

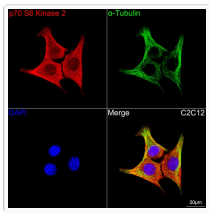
Gene ID	6199
Gene Symbol	RPS6KB2
UniProt ID	KS6B2_HUMAN
Immunogen Region	1-120
Immunogen Sequence	MAAVFDLDLETEEGSEGEGE PELSPADACPLAELRAAGLE PVGHYEEVELTETSVNVGPE RIGPHCFELLRVLGKGGYGK VFQVRKVQGTNLGKIYAMKV LRKAKIVRNAKDTAHTRAER
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human p70 S6 Kinase 2 (Q9UBS0).

ADDITIONAL INFORMATION

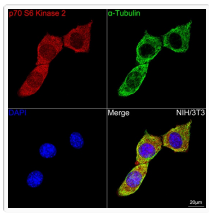
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



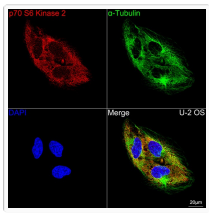
Western blot analysis of lysates from Mouse brain, using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 3s.



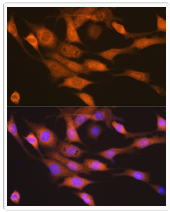
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



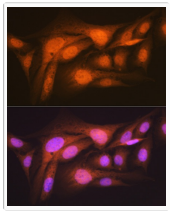
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



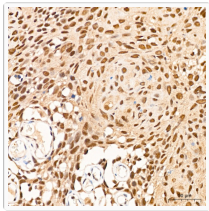
Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Confocal imaging of C2C12 cells using p70 S6 Kinase 2 Rabbit mAb (STJ11102423, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Western blot analysis of lysates from Mouse brain, using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
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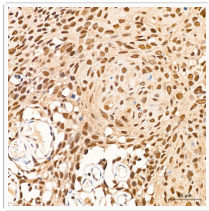
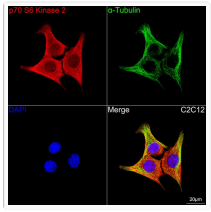
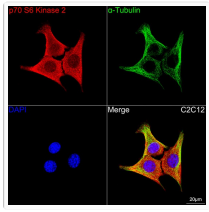


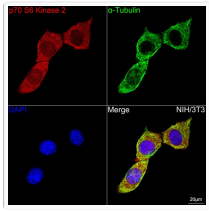
Immunohistochemistry analysis of p70 S6 Kinase 2 in paraffin-embedded human cervix cancer tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



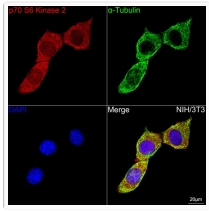
Immunohistochemistry analysis of p70 S6 Kinase 2 in paraffin-embedded human colon carcinoma tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



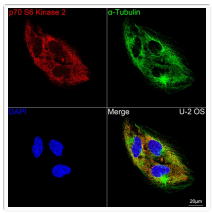
Confocal imaging of C2C12 cells using p70 S6 Kinase 2 Rabbit mAb (STJ11102423, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Î±-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



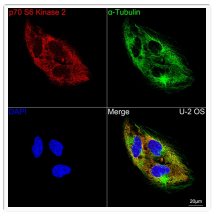
Immunohistochemistry analysis of p70 S6 Kinase 2 in paraffin-embedded mouse kidney tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Confocal imaging of NIH/3T3 cells using p70 S6 Kinase 2 Rabbit mAb (STJ11102423, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Î±-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of p70 S6 Kinase 2 in paraffin-embedded rat colon tissue using p70 S6 Kinase 2 Rabbit mAb (STJ11102423) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Confocal imaging of U-2 OS cells using p70 S6 Kinase 2 Rabbit mAb (STJ11102423, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Î±-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

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