

Anti-STXBP1 antibody (400-500) [S6MR] (STJ11102476)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P: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: 68kDa Observed Mw: 70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

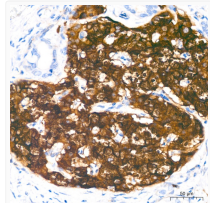
Gene ID	6812
Gene Symbol	STXBP1
UniProt ID	STXB1_HUMAN
Immunogen Region	400-500
Immunogen Sequence	STYDKIRIILLYIFLKNGIT EENLNKLIQHAQIPPEDSEI ITNMAHLGVPIVTDSTLRRR SKPERKERISEQTYQLSRWT PIIKDIMEDTIEDKLDTKHY P
Specificity	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human STXBP1 (P61764).

ADDITIONAL INFORMATION

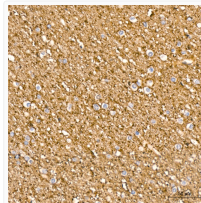
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from HeLa cells, using STXBP1 Rabbit mAb (STJ11102476) 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.



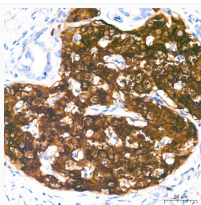
Immunohistochemistry analysis of paraffin-embedded Human brain tissue using STXBP1 Rabbit mAb (STJ11102476) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



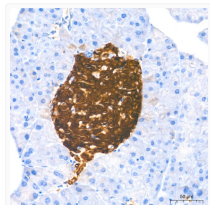
Western blot analysis of extracts of HeLa cells, using STXBP1 Rabbit mAb (STJ11102476) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
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Exposure time: 3s.



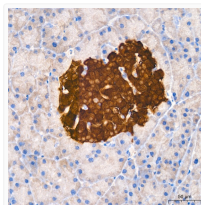
Immunohistochemistry analysis of STXBP1 in paraffin-embedded human brain tissue using STXBP1 Rabbit mAb (STJ11102476) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of STXBP1 in paraffin-embedded human pancreas tissue using STXBP1 Rabbit mAb (STJ11102476) 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 STXBP1 in paraffin-embedded mouse pancreas tissue using STXBP1 Rabbit mAb (STJ11102476) 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 STXBP1 in paraffin-embedded rat pancreas tissue using STXBP1 Rabbit mAb (STJ11102476) 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.