

Anti-PRKAA1/PRKAA2 antibody (13-559) (STJ114591)

GENERAL INFORMATION

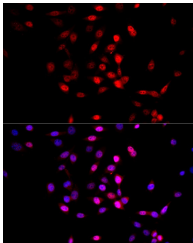
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

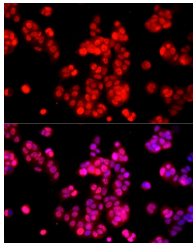
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

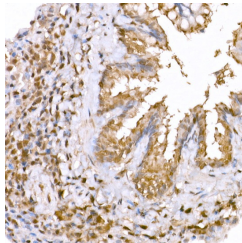
Gene ID	5563 5562
Gene Symbol	PRKAA2 PRKAA1
Uniprot ID	AAPK2_HUMAN AAPK1_HUMAN
Immunogen	
Immunogen Region	13-559
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 13-300 of human PRKAA1/PRKAA2 (NP_006242.5).
Immunogen Sequence	AEKQKHDGRVKIGHYILGDT LGVGTFGKVKGKHELTGHK VAVKILNRQKIRSLDVVGKI RREIQNLKLFRRPHIIKLYQ VISTPSDIFMVMYVSGGEL FDYICKNGRLDEKESRRLFQ QILSGVDYCHRMVWVHRDLK PENVLLDAHMNAKIADFGLS NMMSDGEFLRTSCGSPNYAA PEVISGRLYAGPEVDIWSSG VILYALLCGTLPFDDDHVPT LFKKICDGIFYTPQYLNPS



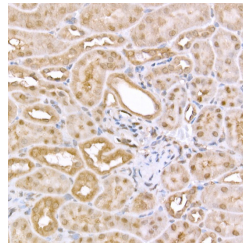
Immunofluorescence analysis of NIH/3T3 cells using AMPK α 1/AMPK α 2 Rabbit polyclonal antibody (STJ114591) at dilution of 1:20 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using AMPK α 1/AMPK α 2 Rabbit polyclonal antibody (STJ114591) at dilution of 1:20 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of AMPK α 1/AMPK α 2 in paraffin-embedded rat lung using AMPK α 1/AMPK α 2 Rabbit polyclonal antibody (STJ114591) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of AMPK α 1/AMPK α 2 in paraffin-embedded mouse kidney using AMPK α 1/AMPK α 2 Rabbit polyclonal antibody (STJ114591) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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