

Anti-Phospho-PRKAA1/PRKAA2-T183/T172 antibody (STJ27520)

STJ27520

GENERAL INFORMATION

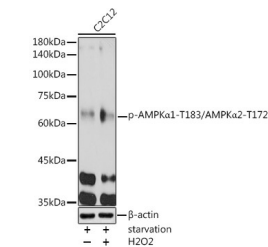
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-PRKAA1/PRKAA2-T183/T172 is suitable for use in Western Blot, Immunohistochemistry and Immunoprecipitation.
Applications	WB, IHC, IP
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

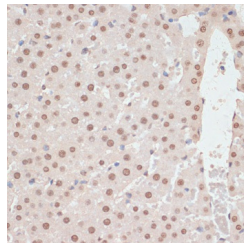
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:100 IP 1:50-1:100
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage	Store in a freezer at -20°C and avoid freeze-thaw cycles.
Instruction	

TARGET INFORMATION

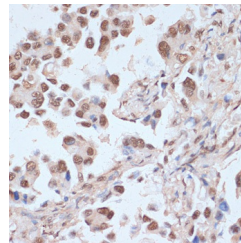
Gene ID	5563 5562
Gene Symbol	PRKAA2 PRKAA1
Uniprot ID	AAPK2_HUMAN AAPK1_HUMAN
Immunogen	A phospho specific peptide corresponding to residues surrounding T172 of human AMPK Alpha
Immunogen Region	
Specificity	
Immunogen Sequence	



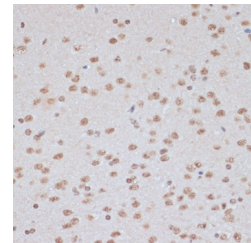
Western blot analysis of extracts of C2C12 cells, using Phospho-AMPK Alpha 1-T183/AMPK Alpha 2-T172 antibody (STJ27520) at 1:1000 dilution. C2C12 cells were treated by Hydrogen Peroxide (2 nM) at 37 °C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat liver using Phospho-AMPK Alpha 1-T183/AMPK Alpha 2-T172 antibody (STJ27520) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded human lung cancer using Phospho-AMPK Alpha 1-T183/AMPK Alpha 2-T172 antibody (STJ27520) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded mouse brain using Phospho-AMPK Alpha 1-T183/AMPK Alpha 2-T172 antibody (STJ27520) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 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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