

Anti-PRKAA2 antibody (343-552) (STJ29478)

STJ29478

GENERAL INFORMATION

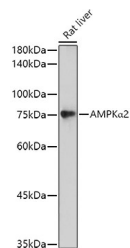
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-AMPK Alpha 2 (343-552) is suitable for use in Western Blot and Immunofluorescence.
Applications	WB, IF
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

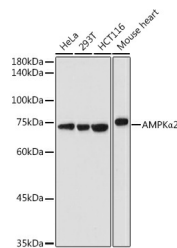
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IF 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

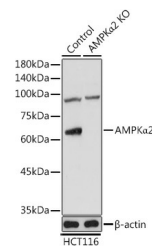
Gene ID	5563
Gene Symbol	PRKAA2
Uniprot ID	AAPK2_HUMAN
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 343-552 of human AMPK Alpha 2 (NP_006243.2).
Immunogen Region	343-552
Specificity	
Immunogen Sequence	



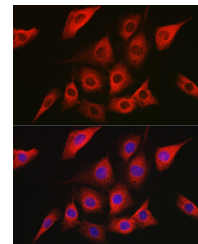
Western blot analysis of extracts of Rat liver, using AMPK Alpha 2 antibody (STJ29478) at 1:500 dilution. Secondary antibody; HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using AMPK Alpha 2 antibody (STJ29478) at 1:500 dilution. 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: 30s.



Western blot analysis of extracts from normal (control) and AMPK Alpha 2 rabbit polyclonal antibody knockout (KO) HCT116 cells, using AMPK Alpha 2 rabbit polyclonal antibody (STJ29478) at 1:1000 dilution. 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: 60s.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] AMPK Alpha 2 rabbit polyclonal antibody (STJ29478) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.

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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