

## Anti-Phospho-PRKAA1/PRKAA2-T183/T172 antibody (STJ22339)

STJ22339

### GENERAL INFORMATION

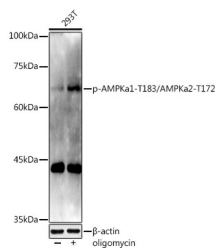
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-PRKAA1/PRKAA2-T183/T172 is suitable for use in Western Blot.
<b>Applications</b>	WB
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

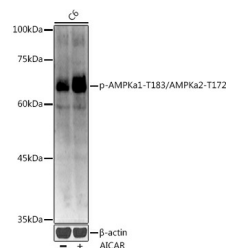
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store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

### TARGET INFORMATION

<b>Gene ID</b>	<a href="#">5563</a> <a href="#">5562</a>
<b>Gene Symbol</b>	<a href="#">PRKAA2</a> <a href="#">PRKAA1</a>
<b>Uniprot ID</b>	<a href="#">AAPK2_HUMAN</a> <a href="#">AAPK1_HUMAN</a>
<b>Immunogen</b>	A phospho specific peptide corresponding to residues surrounding T183 of human PRKAA1
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot analysis of extracts of 293T cells, using Phospho-AMPKα1-T183/AMPKα2-T172 antibody (STJ22339) at 1:1000 dilution. 293T cells were treated by oligomycin (0.5 μM) at 37 °C for 30 minutes. 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: 90s.



Western blot analysis of extracts of C6 cells, using Phospho-AMPKα1-T183/AMPKα2-T172 antibody (STJ22339) at 1:1000 dilution. C6 cells were treated by AICAR (0.5 mM) at 37 °C for 30 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 Enhanced Kit. Exposure time: 90s.

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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