

**Anti-Phospho-PRKAA1/PRKAA2-T183/T172 antibody (STJ11102659)**  
STJ11102659

**GENERAL INFORMATION**

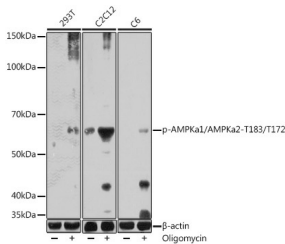
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

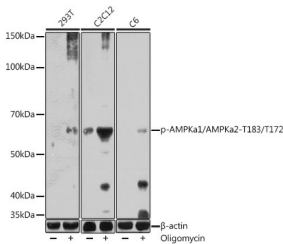
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

<b>Gene ID</b>	5562 5563
<b>Gene Symbol</b>	PRKAA1 PRKAA2
<b>Uniprot ID</b>	AAPK1_HUMAN AAPK2_HUMAN
<b>Immunogen</b>	LRTSC
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic phosphorylated peptide around T183 of human AMPKa1/AMPKa2PRKAA1 (NP_006242.5).
<b>Immunogen Sequence</b>	LRTSC



Western blot analysis of extracts of various cell lines, using Phospho-AMPKa1/AMPKa2-T183/T172 antibody (STJ11102659) at 1:1000 dilution. 293T cells were treated by oligomycin (0. 5 uM) at 37 °C for 30 minutes. C2C12 cells were treated by oligomycin (0. 5 uM) at 37 °C for 30 minutes. C6 cells were treated by oligomycin (0. 5 uM) 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% BSA. Detection: ECL Enhanced Kit. Exposure time: 60s.



Western blot analysis of various lysates using Phospho-AMPKa1/AMPKa2-T183/T172 Rabbit polyclonal antibody (STJ11102659) at 1:1000 dilution. 293T cells were treated by oligomycin (0. 5 uM) at 37 °C for 30 minutes. C2C12 cells were treated by oligomycin (0. 5 uM) at 37 °C for 30 minutes. C6 cells were treated by oligomycin (0. 5 uM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit. Exposure time: 60s.

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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