

Anti-Phospho-AMPK α 1+AMPK α 2-T183-T172 antibody [S5892RM] (STJ11105892)

GENERAL INFORMATION

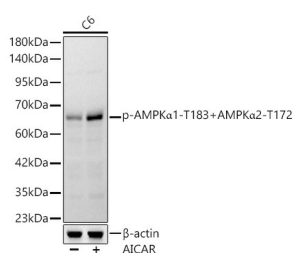
Product Type	Primary antibodies
Short Description	
Applications	WB/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

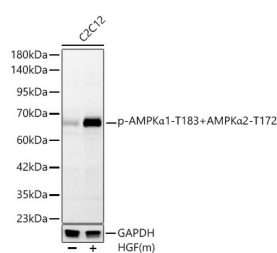
Clonality	Monoclonal
Clone ID	S5892RM
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	5562 5563
Gene Symbol	PRKAA1 PRKAA2
Uniprot ID	AAPK1_HUMAN AAPK2_HUMAN
Immunogen	LRTSC
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around T183/T172 of human PRKAA1/PRKAA2 (NP_006242.5/NP_006243.2).
Immunogen Sequence	LRTSC



Western blot analysis of lysates from C6 cells, using Phospho-AMPK α 1-T183/AMPK α 2-T172 Rabbit monoclonal antibody (STJ11105892) 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) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from C2C12 cells, using Phospho-AMPK α 1-T183/AMPK α 2-T172 Rabbit monoclonal antibody (STJ11105892) at 1:1000 dilution. C2C12 cells were treated by mHGF (50ng/ μ L). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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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