

Anti-Phospho-AMPKalpha1+AMPKalpha2-T183-T172 antibody [S5892RM] (STJ11105892)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

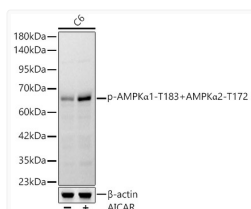
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 64kDa/65kDa/62kDa Observed Mw: 62kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

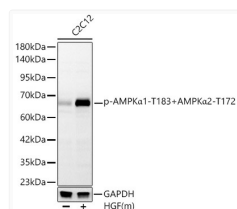
Gene ID	5563 5562
Gene Symbol	PRKAA2 PRKAA1
UniProt ID	AAPK2_HUMAN AAPK1_HUMAN
Immunogen Sequence	LRTSC
Specificity	A synthetic phosphorylated peptide around T183/T172 of human PRKAA1/PRKAA2 (NP_006242.5/NP_006243.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



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/uL). 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.