Anti-HCAR2 antibody (100-200) [S4625RM] (STJ11104625)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

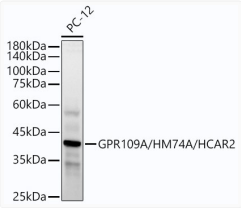
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 42kDa Observed Mw: 42kDa
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	338442
Gene Symbol	HCAR2
UniProt ID	HCAR2_HUMAN
Immunogen Region	100-200
Immunogen Sequence	CRLMLFMLAMNRQGSIIFLT VVAVDRYFRVVHPHHALNKI SNRTAAIISCLLWGITIGLT VHLLKKKMPIQNGGANLCSS FSICHTFQWHEAMFLLEFFL P
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GPR109A/HM74A/HCAR2 (NP_808219.1).

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 PC-12 cells, using GPR109A/HM74A/HCAR2 Rabbit monoclonal antibody (STJ11104625) at1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.