

Anti-HCAR2 antibody (165-182) (STJ118060)

STJ118060

GENERAL INFORMATION

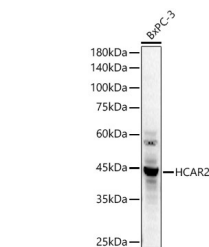
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

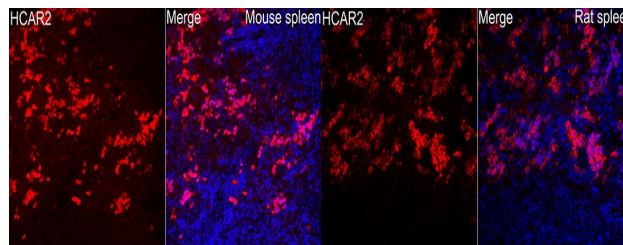
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

Gene ID	338442
Gene Symbol	HCAR2
Uniprot ID	HCAR2_HUMAN
Immunogen	
Immunogen Region	165-182
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GPR109A/HM74A/HCAR2 (NP_808219.1).
Immunogen Sequence	CRLMLFMLAMNRQGSIIFLT VVAVDRYFRVHPPHALNKI SNRTAAISCLLWGITIGLT VHLLKKMPIQNGGANLCSS FSICHTQWHEAMFLLEFFL PLGIILFCSARIWLSLRQRQ MDRHAKIKRAITFIMVVAIV FVICFLPSVVVRIRIFWLLH TSGTQNCVEYRSVDLAFFIT LSFTYMNMSMLDPVYYFSSP



Western blot analysis of lysates from BxPC-3 cells using GPR109A/HM74A/HCAR2 rabbit polyclonal antibody (STJ118060) at 1:400 dilution. Secondary antibody:HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:180s.



Immunofluorescence analysis of mouse spleen cells using GPR109A/HM74A/HCAR2 rabbit polyclonal antibody (STJ118060) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Secondary antibody: Cy3 Goat Anti-rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of rat spleen cells using GPR109A/HM74A/HCAR2 rabbit polyclonal antibody (STJ118060) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Secondary antibody: Cy3 Goat Anti-rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

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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