

Rabbit HCAR3 / GPR109B / HM74 Polyclonal Antibody | anti-HCAR3 antibody

Rabbit Polyclonal to Human HCAR3 / GPR109B / HM74

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51026	Rabbit	Dog, Gorilla, Hamster, Human Predicted Reactivity: Mouse, Rat, Guinea pig, Horse (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

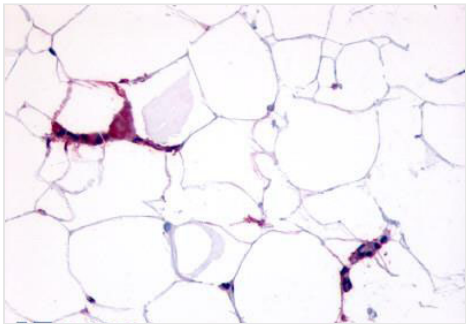
PRODUCT SYNONYMS

HCAR3 / GPR109B / HM74; Polyclonal Antibody; Rabbit Polyclonal to Human HCAR3 / GPR109B / HM74; Anti-HCAR3 / GPR109B / HM74 Antibody (Cytoplasmic Domain) IHC-plus; HCAR3; GPR109B; GTP-binding protein; NIACR2; HM74; HM74b; Nicotinic acid receptor 2; Putative chemokine receptor; Niacin receptor 2; Puma-g; HCA3; PUMAG; Human HCAR3; anti-HCAR3 antibody

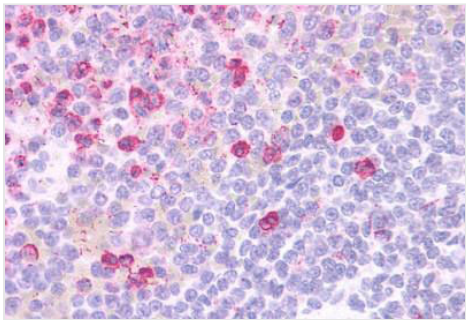
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Gorilla, Hamster, Human Predicted Reactivity: Mouse, Rat, Guinea pig, Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR109B / HM74. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except HCAR2 (100%), GPR81 (50%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-HCAR3 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human GPR109B / HM74. Percent identity with other species by BLAST analysis: Human, Gorilla, Dog, Hamster, Panda (100%); Mouse, Horse, Guinea pig (95%); Rat (90%).
Immunogen Type	Synthetic peptide
Immunogen	HCAR3 / GPR109B / HM74 antibody was raised against synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human GPR109B / HM74. Percent identity with other species by BLAST analysis: Human, Gorilla, Dog, Hamster, Panda (100%); Mouse, Horse, Guinea pig (95%); Rat (90%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPR109B / HM74 antibody IHC of human adipocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-HCAR3 / GPR109B / HM74 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-HCAR3 antibody	NIACR2 is a Nicotinic Acid GPCR.
Product Categories/Family for anti-HCAR3 antibody	Family: GPCR; Subfamily: Nicotinic Acid

NCBI AND UNIPROT INFORMATION

NCBI GI #	157738694
NCBI GeneID	8843
NCBI Accession #	NP_006009.2
NCBI GenBank Nucleotide #	NM_006018.2
UniProt Accession #	P49019; Q8NGE4; A8K4G5; B2R830; E9PI97
Molecular Weight	44,478 Da
NCBI Official Full Name	hydroxycarboxylic acid receptor 3
NCBI Official Synonym Full Names	hydroxycarboxylic acid receptor 3
NCBI Official Symbol	HCAR3
NCBI Official Synonym Symbols	HCA3; HM74; PUMAG; Puma-g; GPR109B
NCBI Protein Information	hydroxycarboxylic acid receptor 3; niacin receptor 2; GTP-binding protein; nicotinic acid receptor 2; putative chemokine receptor; G protein-coupled receptor 109B; G-protein coupled receptor 109B; G-protein coupled receptor HM74; G-protein coupled receptor HM74B; hydroxy-carboxylic acid receptor 3
UniProt Protein Name	Hydroxycarboxylic acid receptor 3
UniProt Gene Name	HCAR3
UniProt Synonym Gene Names	GPR109B; HCA3; HM74B; NIACR2
UniProt Entry Name	HCAR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.