

Rabbit HCAR3 Polyclonal Antibody | anti-HCAR3 antibody

HCAR3 Polyclonal Antibody

CATALOG # AAA179167	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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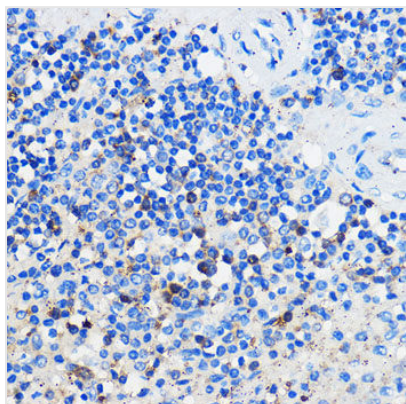
PRODUCT SYNONYMS

HCAR3; Polyclonal Antibody; HCAR3 Polyclonal Antibody; GPR109B; HCA3; HM74; PUMAG; Puma-g; anti-HCAR3 antibody

PRODUCT SPECIFICATIONS

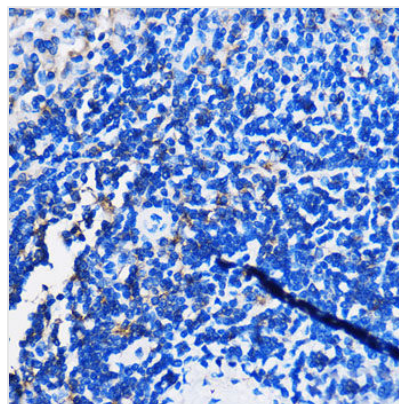
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HCAR3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human HCAR3
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



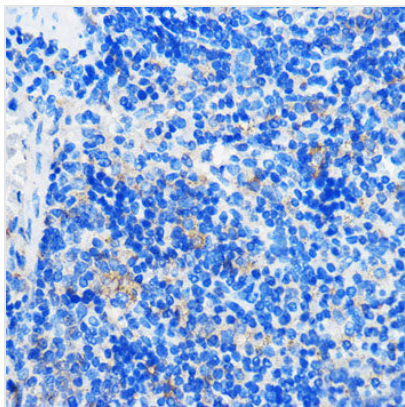
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human spleen using HCAR3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



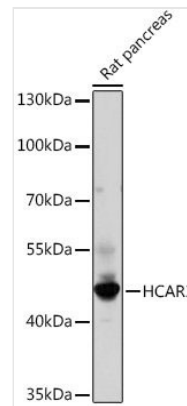
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat spleen using HCAR3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen using HCAR3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of Rat pancreas using HCAR3 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HCAR3 antibody	Receptor for 3-OH-octanoid acid mediates a negative feedback regulation of adipocyte lipolysis to counteract prolipolytic influences under conditions of physiological or pathological increases in beta-oxidation rates. Acts as a low affinity receptor for nicotinic acid. This pharmacological effect requires nicotinic acid doses that are much higher than those provided by a normal diet.
Product Categories/Family for anti-HCAR3 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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 recepto
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.

