Anti-HM74 antibody

Description	Rabbit polyclonal to HM74.

Model	STJ93547
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from the C-terminal region of human HM74
Immunogen Region	270-350 aa, C-terminal
Gene ID	8843
Gene Symbol	HCAR3
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:10000
Specificity	HM74 Polyclonal Antibody detects endogenous levels of HM74 protein.
Tissue Specificity	Expression largely restricted to adipose tissue and spleen.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Hydroxycarboxylic acid receptor 3 G-protein coupled receptor 109B G-protein coupled receptor HM74 G-protein coupled receptor HM74B Niacin receptor 2 Nicotinic acid receptor 2
Molecular Weight	45 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16824OMIM:606039
Alternative Names	Hydroxycarboxylic acid receptor 3 G-protein coupled receptor 109B G-protein coupled receptor HM74 G-protein coupled receptor HM74B Niacin receptor 2 Nicotinic acid receptor 2
Function	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.
Cellular Localization	Cell membrane. Multi-pass membrane protein.