HCAR2 Conjugated Antibody

Catalog No: #C37602

Package Size: #C37602-AF350 100ul #C37602-AF405 100ul #C37602-AF488 100ul

#C37602-AF555 100ul #C37602-AF594 100ul #C37602-AF647 100ul

#C37602-AF680 100ul #C37602-AF750 100ul #C37602-Biotin 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	HCAR2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total HCAR2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human hydroxycarboxylic acid receptor 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HCA2; HM74a; HM74b; PUMAG; NIACR1; Puma-g; GPR109A
Accession No.	Swiss-Prot#:Q8TDS4NCBI Gene ID:338442NCBI Protein#:NP_055051
Uniprot	Q8TDS4
GeneID	338442;
Excitation Emission	AF350: 346nm/442nm
	AF405: 401nm/421nm
	AF488: 493nm/519nm
	AF555: 555nm/565nm
	AF594: 591nm/614nm
	AF647: 651nm/667nm
	AF680: 679nm/702nm
	AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

HCAR2, also known as PUMAG or Puma-g, is a member of the G protein coupled receptor (GPCR) superfamily. HCAR2 is highly expressed in adipocytes, immune cells and spleen. Like all members of the GPCR superfamily, HCAR2 contains seven transmembrane domains.

Note: This product is for in vitro research use only