

## HCAR2 Antibody

Catalog No: #37602



Package Size: #37602-1 50ul #37602-2 100ul

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Support: tech@signalwayantibody.com

## Description

Product Name	HCAR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total HCAR2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human hydroxycarboxylic acid receptor 2
Target Name	HCAR2
Other Names	HCA2; HM74a; HM74b; PUMAG; NIACR1; Puma-g; GPR109A
Accession No.	Swiss-Prot#: Q8TDS4NCBI Gene ID: 338442Gene Accssion: NP_808219
Calculated MW	42 kDa
Concentration	1.2 mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.
Storage	Store at -20°C

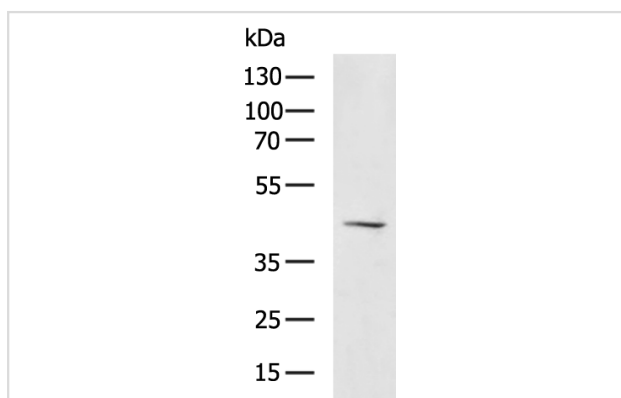
## Application Details

WB 1000-5000

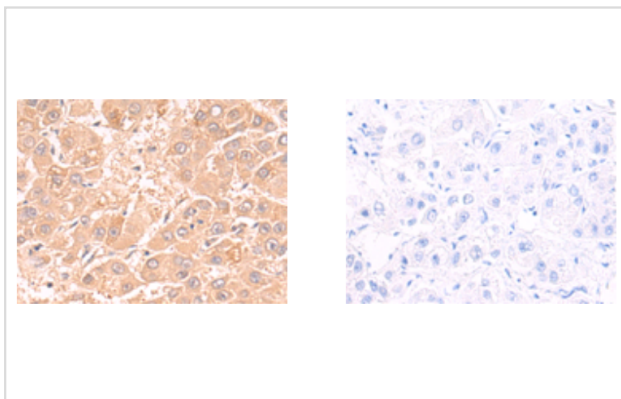
IHC 50-200

ELISA 1:5000-10000

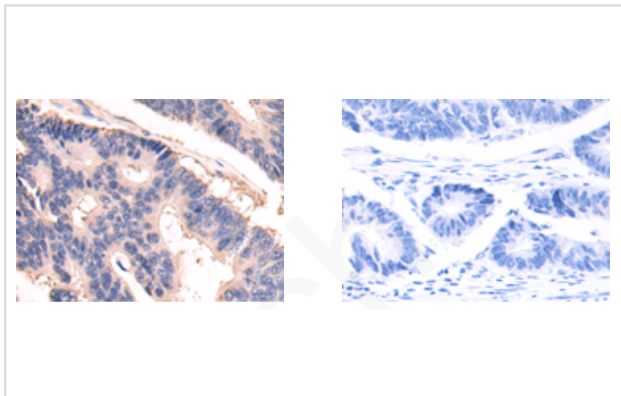
## Images



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g, Lane: Mouse skin tissue lysate, Primary antibody: 37602(HCAR2 Antibody) at dilution 1/1200, Secondary antibody: 37602(HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution, Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 37602(HCAR2 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification:  $\times$  200)



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 37602(HCAR2 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification:  $\times$  200)

## 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 and is not intended for use in humans or animals.