

## MCHR1 Antibody

Catalog No: #37720

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

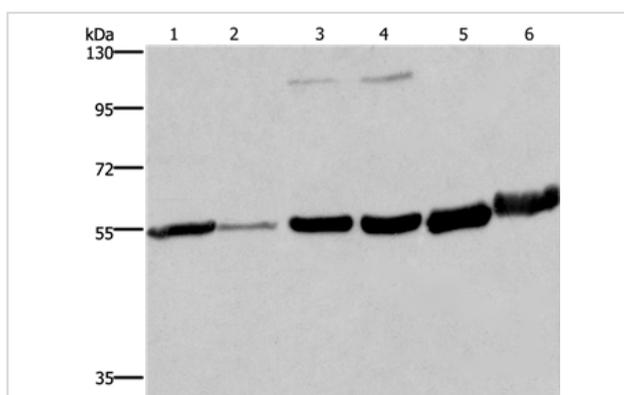
Product Name	MCHR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total MCHR1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human melanin-concentrating hormone receptor 1
Target Name	MCHR1
Other Names	GPR24
Accession No.	Swiss-Prot#: Q99705NCBI Gene ID: 2847Gene Accssion: NP_005288
Uniprot	Q99705
GeneID	2847;
SDS-PAGE MW	46kd
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 8%SDS-PAGE

Lysates (from left to right): Human fetal liver and testis tissue,

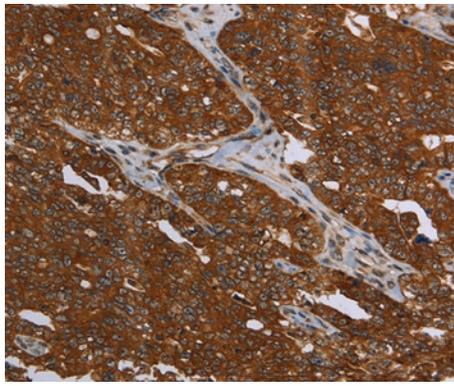
293T and A172 cell, mouse brain and human fetal brain tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/350 dilution

Secondary antibody dilution: 1/8000

Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #37720 at dilution 1/30.

## Background

MCHR1, a member of the G protein coupled receptor family 1, is an integral plasma membrane protein which binds melanin concentrating hormone. MCHR1 can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, MCHR1 does not seem to bind somatostatin.

Note: This product is for in vitro research use only