

SIGMAR1 Antibody

Catalog No: #32876

Package Size: #32876-1 50ul #32876-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

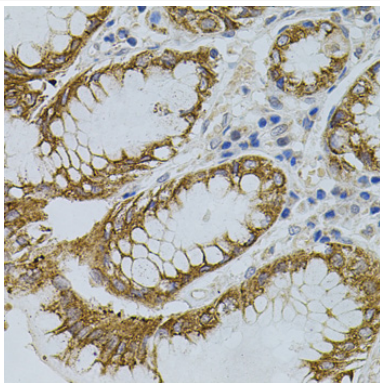
Description

Product Name	SIGMAR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SIGMAR1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SIGMAR1.
Target Name	SIGMAR1
Other Names	SRBP; ALS16; OPRS1; SR-BP; SIG-1R
Accession No.	Swiss-Prot:Q99720NCBI Gene ID:10280
Uniprot	Q99720
GeneID	10280;
SDS-PAGE MW	25KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

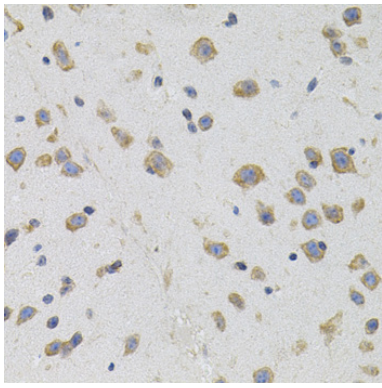
Application Details

WB 1:500 - 1:2000 IHC 1:100 - 1:200

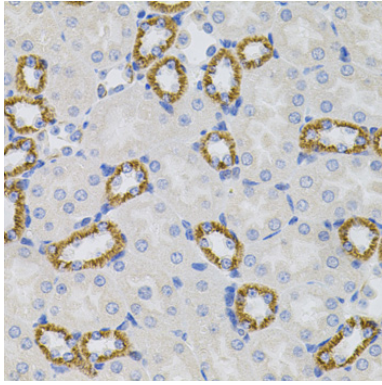
Images



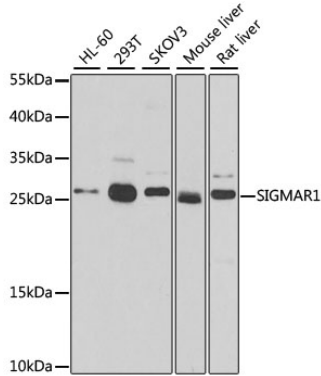
Immunohistochemistry of paraffin-embedded human stomach using SIGMAR1 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using SIGMAR1 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using SIGMAR1 (40x lens).



Western blot analysis of extracts of various cell lines, using SIGMAR1 at 1:500 dilution.

Background

This gene encodes a receptor protein that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Mutations in this gene has been associated with juvenile amyotrophic lateral sclerosis 16. Alternative splicing of this gene results in transcript variants encoding distinct isoforms.

Note: This product is for in vitro research use only