

Rabbit SIGMAR1 Polyclonal Antibody | anti-SIGMAR1 antibody

SIGMAR1 Polyclonal Antibody

CATALOG # AAA177639	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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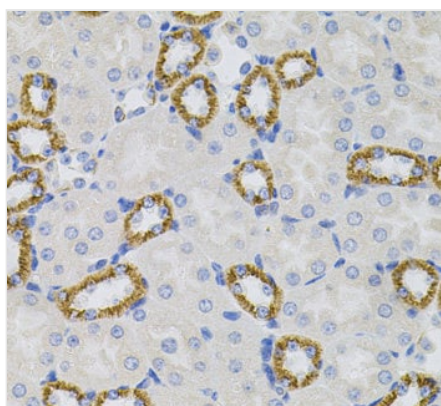
PRODUCT SYNONYMS

SIGMAR1; Polyclonal Antibody; SIGMAR1 Polyclonal Antibody; ALS16; DSMA2; OPRS1; SIG-1R; SR-BP; SR-BP1; SRBP; hSigmaR1; sigma1R; anti-SIGMAR1 antibody

PRODUCT SPECIFICATIONS

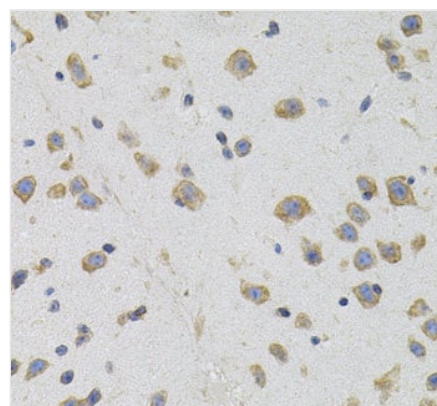
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SIGMAR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SIGMAR1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



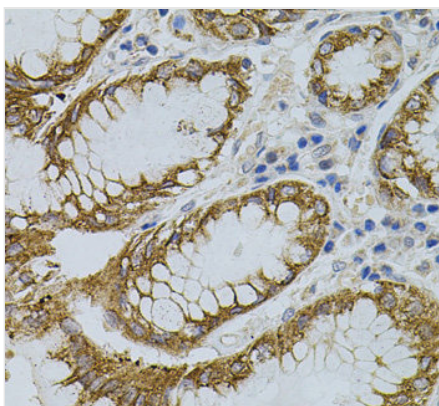
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using SIGMAR1 Polyclonal Antibody



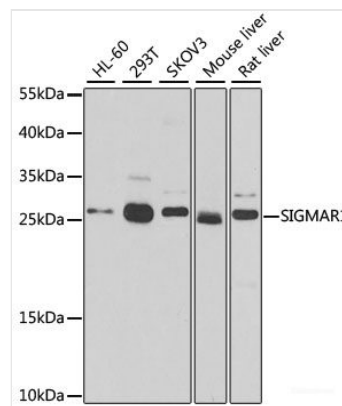
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using SIGMAR1 Polyclonal Antibody



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human stomach using SIGMAR1 Polyclonal Antibody



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-SIGMAR1 antibody	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.
Product Categories/Family for anti-SIGMAR1 antibody	Cancer ; Cardiovascular ; Neuroscience ; Signal Transduction ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	22212934
NCBI GeneID	10280
NCBI Accession #	NP_671513.1
NCBI GenBank Nucleotide #	NM_147157.1
UniProt Accession #	Q99720; O00673; O00725; Q0Z9W6; Q153Z1; Q2TSD1; Q53GN2; Q7Z653; Q8N7H3; Q9NYX0; D3DRM7
Molecular Weight	25,128 Da
NCBI Official Full Name	sigma non-opioid intracellular receptor 1 isoform 2
NCBI Official Synonym Full Names	sigma non-opioid intracellular receptor 1
NCBI Official Symbol	SIGMAR1
NCBI Official Synonym Symbols	SRBP; ALS16; OPRS1; SR-BP1
NCBI Protein Information	sigma non-opioid intracellular receptor 1; SR-BP; SIG-1R; sigma1R; hSigmaR1; SR31747 binding protein 1; sigma 1-type opioid receptor; aging-associated gene 8 protein
UniProt Protein Name	Sigma non-opioid intracellular receptor 1
UniProt Gene Name	SIGMAR1
UniProt Synonym Gene Names	OPRS1; SRBP; SR-BP; SIG-1R; Sigma1-receptor; Sigma1R; hSigmaR1
UniProt Entry Name	SGMR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

