

Rabbit OPRS1 Polyclonal Antibody | anti-SIGMAR1 antibody

OPRS1 Antibody (N-term)

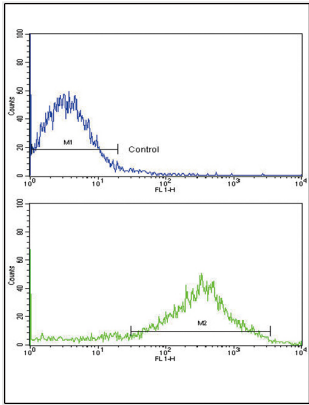
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289804	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

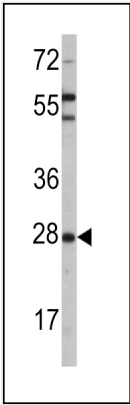
OPRS1; Polyclonal Antibody; OPRS1 Antibody (N-term); Sigma non-opioid intracellular receptor 1; Aging-associated gene 8 protein; SR31747-binding protein; SR-BP; Sigma 1-type opioid receptor; SIG-1R; Sigma1-receptor; Sigma1R; hSigmaR1; SIGMAR1; SRBP; anti-SIGMAR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OPRS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-81 amino acids from the N-terminal region of human OPRS1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	47-81
Sequence Length	187
Applicable Applications for anti-SIGMAR1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using OPR1 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of OPR1 (arrow) using rabbit polyclonal OPR1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the OPR1 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-SIGMAR1 antibody	OPRS1 is 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.
Product Categories/Family for anti-SIGMAR1 antibody	Cancer; Cardiovascular; Neuroscience; Signal transduction
References	Cobos,E.J.,J. Neurochem. 102 (3), 812-825 (2007) Maurice,T., Pharmacol. Biochem. Behav. 84 (4), 581-597 (2006) Lee,I.T.,Eur. J. Pharmacol. 578 (2-3), 123-136 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	532524982
NCBI GeneID	10280
NCBI Accession #	NP_001269134.1; NP_001269135.1; NP_001269136.1; NP_001269137.1; NP_001269138.1; NP_005857.1; NP_671513.1
NCBI GenBank Nucleotide #	NM_001282205.1
UniProt Accession #	Q99720; O00673; O00725; Q0Z9W6; Q153Z1; Q2TSD1; Q53GN2; Q7Z653; Q8N7H3; Q9NYX0; D3DRM7
Molecular Weight	25128
NCBI Official Full Name	sigma non-opioid intracellular receptor 1 isoform 6
NCBI Official Synonym Full Names	sigma non-opioid intracellular receptor 1
NCBI Official Symbol	SIGMAR1
NCBI Official Synonym Symbols	SRBP; ALS16; OPRS1; SR-BP; SIG-1R; SR-BP1; sigma1R; hSigmaR1
NCBI Protein Information	sigma non-opioid intracellular receptor 1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/oprs1-antibody-flow-cytometry-western-blot-elisa/289804>