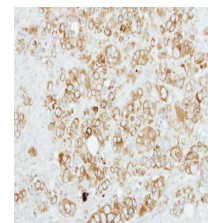


Product Datasheet

SIGMAR1 antibody [N1C3] GRP148

Description	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. Alternative splicing of this gene results in transcript variants encoding distinct isoforms. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Zebrafish
Conjugation	Unconjugated
Tested Applications	IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the center region of human SIGMAR1. The exact sequence is proprietary.
Form/Appearance	Liquid: 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	Q99720
Entrez	10280
Dilution Range	WB: 1:500-1:3000, IHC-P: 1:100-1:1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using SIGMAR1 (GRP600) antibody at 1:100 dilution.