

## Product datasheet for **TA302032**

### Sigma1 receptor (SIGMAR1) Rabbit Polyclonal Antibody

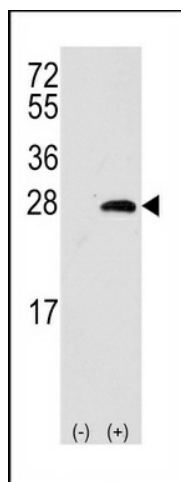
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human, Mouse (Predicted: Bovine)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This OPRS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-147 amino acids from the Central region of human OPRS1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25128 Da
Gene Name:	sigma non-opioid intracellular receptor 1
Database Link:	<a href="#">NP_005857</a> <a href="#">Entrez Gene 18391 Mouse</a> <a href="#">Entrez Gene 10280 Human</a> <a href="#">Q99720</a>
Background:	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.
Synonyms:	ALS16; DSMA2; hSigmaR1; OPRS1; SIG-1R; sigma1R; SR-BP; SR-BP1; SRBP
Protein Families:	Druggable Genome, GPCR, Transmembrane

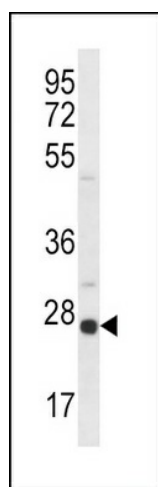


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## Product images:



Western blot analysis of OPR1 (arrow) using rabbit polyclonal OPR1 Antibody (Center) (Cat.#TA302032).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the OPR1 gene (Lane 2) (Origene Technologies).



OPR1 Antibody (Center) (Cat.#TA302032) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the OPR1 antibody detected the OPR1 protein (arrow).