

Product datasheet for **TA336550**

Mu Opioid Receptor (OPRM1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide comprising residues 386-400 of the human, mouse and rat MOR-1 protein.
Formulation:	PBS, 0.02% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44.8 kDa
Gene Name:	opioid receptor mu 1
Database Link:	NP_000905 Entrez Gene 18390 Mouse Entrez Gene 25601 Rat Entrez Gene 4988 Human P35372
Background:	G protein-coupled receptors (GPCRs) are the largest family of membrane receptors that activate intracellular signaling cascades and undergo endocytosis, recycling, or degradation upon stimulation. The mu, delta and kappa opioid receptors are GPCRs of the nervous system, which control pain, stress, and addictive behaviors. The mu opioid receptor (MOR-1) is a high-affinity receptor for enkephalins and beta-endorphins with low affinity for dynorphins. The opiate alkaloids morphine and codeine bind to MOR-1.
Synonyms:	LMOR; M-OR-1; MOP; MOR; MOR1; OPRM
Note:	Western Blot

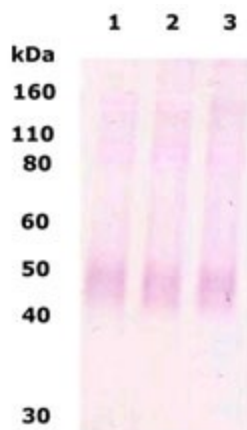


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Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Western Blot: Mu Opioid Receptor Antibody TA336550 - Western blot analysis of MOR-1 with MOR-1 antibody at 1:500 dilution. 10ug of human brain lysate (lane 1), rat brain lysate (lane 2) and mouse brain lysate (lane 3).