Anti-NTR1 antibody

Description	Rabbit polyclonal to NTR1.

Model	STJ94568
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human NTR1
Immunogen Region	150-230 aa, Internal
Gene ID	4923
Gene Symbol	NTSR1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	NTR1 Polyclonal Antibody detects endogenous levels of NTR1 protein.
Tissue Specificity	Expressed in prostate (at protein level). Detected in colon and peripheral blood mononuclear cells. Detected at very low levels in brain.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Neurotensin receptor type 1 NT-R-1 NTR1 High-affinity levocabastine-insensitive neurotensin receptor NTRH
Molecular Weight	46 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8039OMIM:162651
Alternative Names	Neurotensin receptor type 1 NT-R-1 NTR1 High-affinity levocabastine-insensitive neurotensin receptor NTRH
Function	G-protein coupled receptor for the tridecapeptide neurotensin (NTS) . Signaling is effected via G proteins that activate a phosphatidylinositol-calcium second messenger system. Signaling leads to the activation of downstream MAP kinases and protects cells against apoptosis .
Sequence and Domain Family	The ligand binding pocket consists mainly of extracellular loops ECL2 and ECL3, as well as transmembrane regions TM6 and TM7.
Cellular Localization	Cell membrane Membrane raft. Palmitoylation is required for localization at CAV1-enriched membrane rafts.
Post-translational Modifications	N-glycosylated. Palmitoylated; this is required for normal localization at membrane rafts and normal GNA11-mediated activation of down-stream signaling cascades. The palmitoylation level increases in response to neurotensin treatment.