

## NTR1 Polyclonal Antibody

<b>Catalog No :</b>	YT3203
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	NTR1
<b>Fields :</b>	>>Calcium signaling pathway;>>Neuroactive ligand-receptor interaction
<b>Gene Name :</b>	NTSR1
<b>Protein Name :</b>	Neurotensin receptor type 1
<b>Human Gene Id :</b>	4923
<b>Human Swiss Prot No :</b>	P30989
<b>Mouse Gene Id :</b>	18216
<b>Mouse Swiss Prot No :</b>	O88319
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human NTR1. AA range:181-230
<b>Specificity :</b>	NTR1 Polyclonal Antibody detects endogenous levels of NTR1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year (Do not lower than -25°C)

**Observed Band :** 46kD

**Cell Pathway :** Calcium; Neuroactive ligand-receptor interaction;

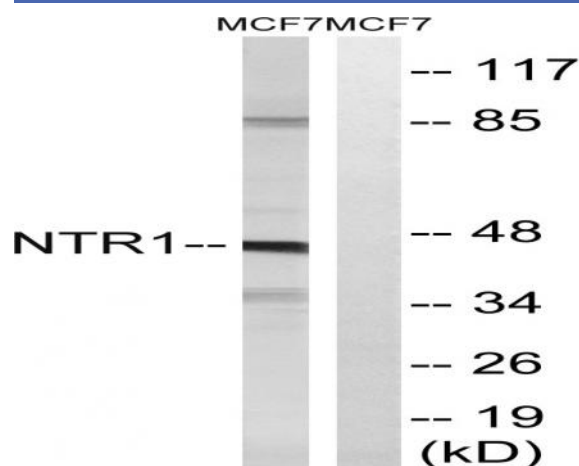
**Background :** Neurotensin receptor 1 belongs to the large superfamily of G-protein coupled receptors. NTSR1 mediates the multiple functions of neurotensin, such as hypotension, hyperglycemia, hypothermia, antinociception, and regulation of intestinal motility and secretion. [provided by RefSeq, Jul 2008],

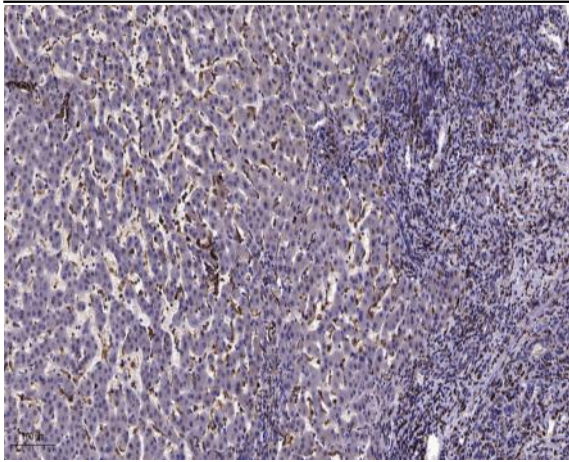
**Function :** function: Receptor for the tridecapeptide neurotensin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system., online information: Neurotensin receptor entry, similarity: Belongs to the G-protein coupled receptor 1 family.,

**Subcellular Location :** Cell membrane ; Multi-pass membrane protein . Membrane raft . Palmitoylation is required for localization at CAV1-enriched membrane rafts. .

**Expression :** Expressed in prostate (at protein level). Detected in colon and peripheral blood mononuclear cells. Detected at very low levels in brain.

## Products Images





Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).