

Anti-NTR2 Antibody
Catalog # AP54009**Specification**

Anti-NTR2 Antibody - Product Information

Application	WB, IF, IHC
Primary Accession	O95665
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45385

Anti-NTR2 Antibody - Additional Information**Gene ID** 23620**Other Names**

Neurotensin receptor type 2; NT-R-2; NTR2; Levocabastine-sensitive neurotensin receptor

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NTR2. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

IF~~1/50 - 1/200

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-NTR2 Antibody - Protein Information**Name** NTSR2**Function**

Receptor for the tridecapeptide neurotensin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

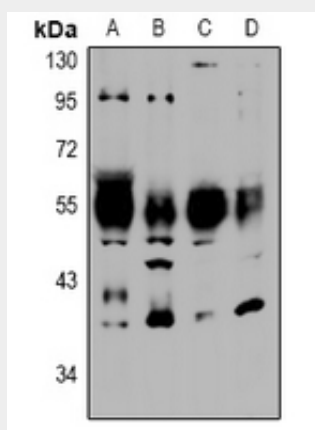
Expressed in prostate (at protein level).

Anti-NTR2 Antibody - Protocols

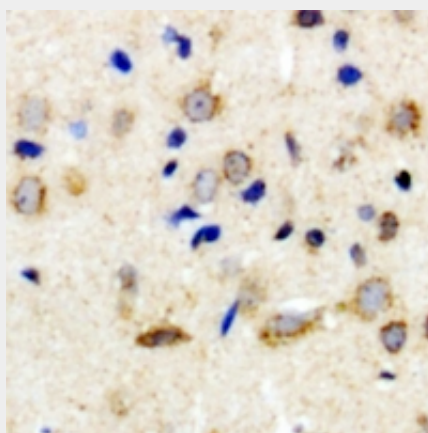
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

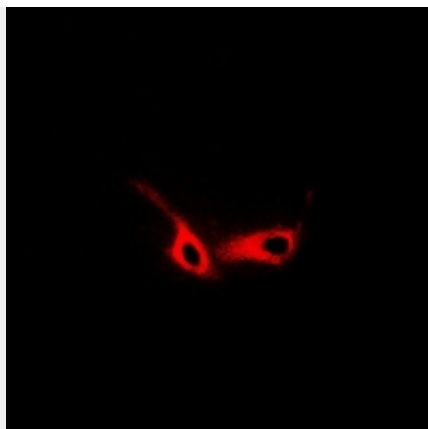
Anti-NTR2 Antibody - Images



Western blot analysis of NTR2 expression in U87MG (A), SGC7901 (B), C6 (C), NIH3T3L1 (D) whole cell lysates.



Immunohistochemical analysis of NTR2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of NTR2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Anti-NTR2 Antibody - Background

Rabbit polyclonal antibody to NTR2