

Anti-NTR2 Antibody

Catalog # AP54009

Product Information

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

Additional Information

Gene ID	23620
Other Names	Neurotensin receptor type 2; NT-R-2; NTR2; Levocabastine-sensitive neurotensin receptor
Target/Specificity	Recognizes endogenous levels of NTR2 protein.
Dilution	WB~~1/500 - 1/1000 IF~~1/50 - 1/200
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

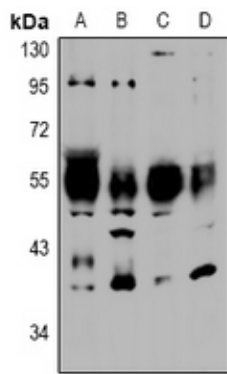
Protein Information

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).

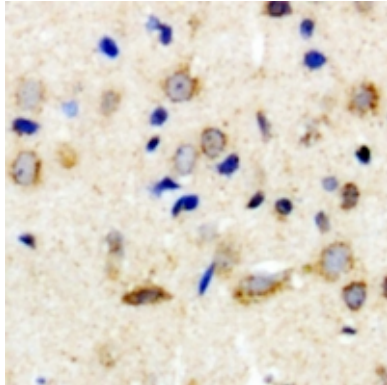
Background

Rabbit polyclonal antibody to NTR2

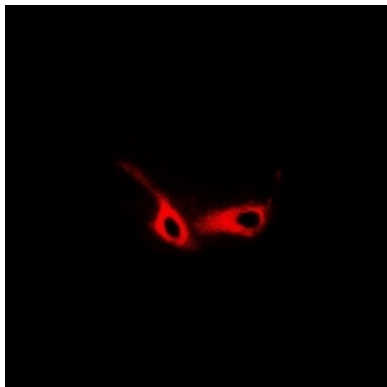
Images



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.

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