

Product Name: NTR2 Rabbit Polyclonal Antibody
Catalog #: APRab14933



Summary

Production Name	NTR2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF, WB, ELISA
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NTSR2
Alternative Names	NTSR2; Neurotensin receptor type 2; NT-R-2; NTR2; Levocabastine-sensitive neurotensin receptor
Gene ID	23620.0
SwissProt ID	O95665. The antiserum was produced against synthesized peptide derived from human NTR2. AA range:151-200

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	45kD

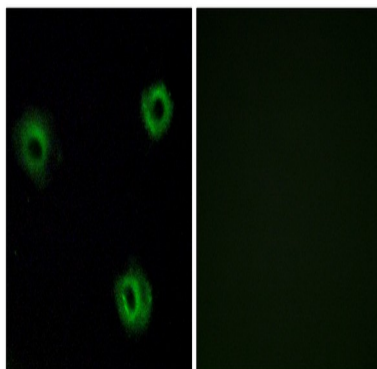
Background

The protein encoded by this gene belongs to the G protein-coupled receptor family that activate a phosphatidylinositol-calcium second messenger system. Binding and pharmacological studies demonstrate that this receptor binds neurotensin as well as several other ligands already described for neurotensin NT1 receptor. However, unlike NT1 receptor, this gene recognizes, with high affinity, levocabastine, a histamine H1 receptor antagonist previously shown to compete with neurotensin for low-affinity binding sites in brain. These activities suggest that this receptor may be of physiological importance and that a natural agonist for the receptor may exist. [provided by RefSeq, Jul 2008],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,.

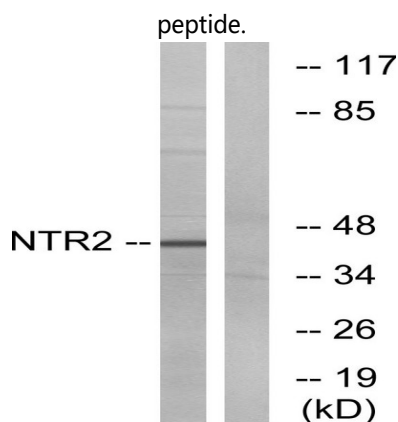
Research Area

Neuroactive ligand-receptor interaction;

Image Data

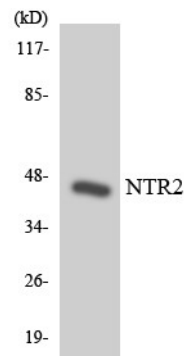


Immunofluorescence analysis of A549 cells, using NTR2 Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from Jurkat cells, using NTR2 Antibody. The lane on the right is blocked with the synthesized peptide.

Product Name: NTR2 Rabbit Polyclonal Antibody
Catalog #: APRab14933



Western blot analysis of the lysates from HeLa cells using NTR2 antibody.

Note

For research use only.