

Datasheet for ABIN7043384

anti-NTSR2 antibody (C-Term, Intracellular)[Go to Product page](#)**6** Images

Overview

Quantity:	25 µL
Target:	NTSR2
Binding Specificity:	AA 377-392, C-Term, Intracellular
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NTSR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: CGEQHSLVPLPQEAP, corresponding to amino acid residues 377-392 of rat NTSR2
Isotype:	IgG
Cross-Reactivity (Details):	Unlikely to recognize human samples.
Characteristics:	Anti-Neurotensin Receptor 2 Antibody is directed against an epitope at the intracellular C-terminal domain of the rat Neurotensin receptor type 2. Anti-Neurotensin Receptor 2 Antibody (ABIN7043384, ABIN7044769 and ABIN7044770)) can be used in western blot, immunohistochemical and immunocytochemical applications, and recognizes NTR2 from rat and mouse samples.

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

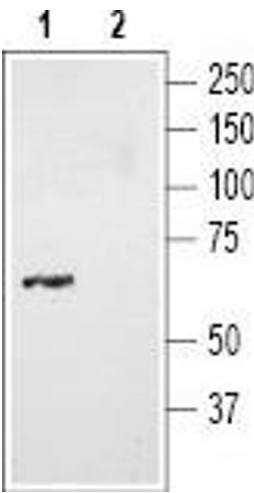
Target:	NTSR2
Alternative Name:	Neurotensin Receptor 2 (NTSR2 Products)
Background:	Alternative names: Neurotensin Receptor 2, NTR2, NTSR2, Levocabastine-sensitive neurotensin receptor
Gene ID:	4804
NCBI Accession:	NM_012344
UniProt:	Q63384

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

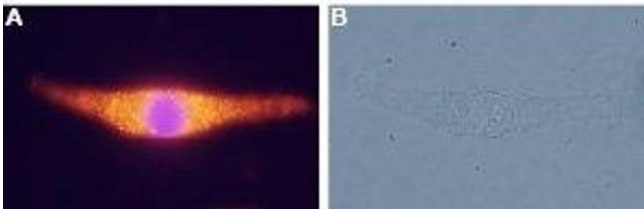
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



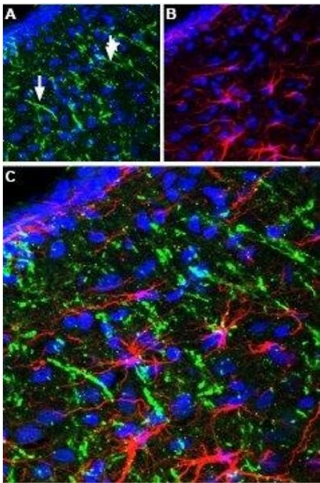
Western Blotting

Image 1. Western blot analysis of mouse brain lysates: - 1. Anti-Neurotensin Receptor 2 Antibody (ABIN7043384, ABIN7044769 and ABIN7044770), (1:400). 2. Anti-Neurotensin Receptor 2 Antibody, preincubated with Neurotensin Receptor 2 Blocking Peptide (#BLP-NT016).



Immunocytochemistry

Image 2. Expression of NTR2 in rat C6 glioma cells - Immunocytochemical staining of rat C6 glioma cells. A. Paraformaldehyde fixed and permeabilized rat C6 glioma cells were stained with Anti-Neurotensin Receptor 2 Antibody (ABIN7043384, ABIN7044769 and ABIN7044770), (1:200), followed by Alexa-555 conjugated goat-anti-rabbit-secondary antibody (orange staining). Nuclei were visualized with the cell permeable dye Hoechst 33342 (blue staining). B. Live view of the same field as in (A).



Immunohistochemistry

Image 3. Expression of NTR2 in rat mediobasal hypothalamus - Immunohistochemical staining of perfusion-fixed brain frozen rat mediobasal (MB) hypothalamus sections using Anti-Neurotensin Receptor 2 Antibody (ABIN7043384, ABIN7044769 and ABIN7044770), (1:100), (green). A. NTR2 appears in neuronal fibers marked by white arrows. B. In the same section, there is staining for glial fibrillary acidic protein (red fluorescence), a marker of astrocytes. C. Merging the two images demonstrates that NTR2 is not localized in astrocytes. DAPI is used as the counterstain (blue).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7043384.