

Datasheet for ABIN2789746

anti-NTSR2 antibody (C-Term)





Overview

| Quantity: | 100 μL |
|----------------------|--|
| Target: | NTSR2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Horse, Saccharomyces cerevisiae |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NTSR2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |
| | |

Product Details

| Sequence: | AFLNGVTVSH LLALCSQVPS TSTPGSSTPS RLELLSEEGL LSFIVWKKTF |
|-----------------------|---|
| Predicted Reactivity: | Horse: 77%, Human: 100%, Yeast: 85% |
| Characteristics: | This is a rabbit polyclonal antibody against NTSR2. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| Target: | NTSR2 |
|-------------------|---|
| Alternative Name: | NTSR2 (NTSR2 Products) |
| 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.

Alias Symbols: NTR2

Protein Interaction Partner: NTS,

Protein Size: 410

 Molecular Weight:
 45 kDa

 Gene ID:
 23620

 NCBI Accession:
 NM_012344, NP_036476

UniProt: 095665

Application Details

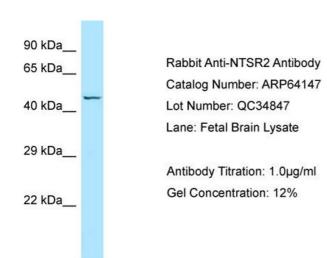
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 410 AA |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small |

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.