ARG56167
anti-Neurotensin Receptor 2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Neurotensin Receptor 2
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Neurotensin Receptor 2
Species	Human
Immunogen	Recombinant protein fragment around the N-terminal half of Human Neurotensin Receptor 2.
Conjugation	Un-conjugated
Alternate Names	Levocabastine-sensitive neurotensin receptor; NT-R-2; Neurotensin receptor type 2; NTR2

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

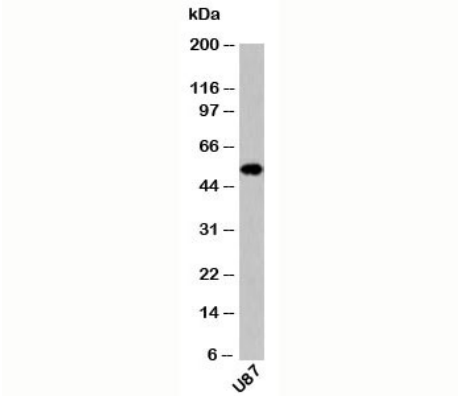
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 18217 Mouse GeneID: 23620 Human Swiss-port # O95665 Human Swiss-port # P70310 Mouse
Gene Symbol	NTSR2
Gene Full Name	neurotensin receptor 2
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. [UniProt]
Calculated Mw	45 kDa

Images



ARG56167 anti-Neurotensin Receptor 2 antibody WB image

Western blot: U87 cell lysate stained with ARG56167 anti-Neurotensin Receptor 2 antibody at 0.5 µg/ml dilution.