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anti-NTSR1 antibody

2 Images



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Overview

Quantity:	50 µg
Target:	NTSR1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NTSR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	NTSR1 antibody was raised against synthetic peptide
Isotype:	IgG
Specificity:	This antibody reacts to NTSR1.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Immunoaffinity chromatography
Target Details	

Target Details

Target:	NTSR1
Alternative Name:	Neurotensin Receptor 1 (NTSR1 Products)

Target Details

Background:	NTR1, a Neurotensin Receptor, activates a phosphatidylinositol-calcium second messenger
	system in the central and peripheral nervous systems. It mediates the functions of neurotensin,
	such as hypotension, hyperglycemia, hypothermia, antinociception, and regulation of intestinal
	motility and secretion. Neurotensin Receptor 1 expression is enhanced in pancreatic cancer
	and in chronic pancreatitis (Wang et al, 2000). Two differentially glycosylated forms of the NT1
	receptor have been identified in rats, a 54-kD form that is expressed from birth to adulthood,
	and a 52-kD form only detected at 10 and 15 days postnatal. Synonyms: High-affinity
	levocabastine-insensitive neurotensin, NT-R-1, NTR1, NTRR, NTSR1
Gene ID:	4923
NCBI Accession:	NP_002522
Application Details	

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Concentration:	1,0 mg/mL
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02 % sodium azide, 50 % glycerol

Preservative:

Sodium azide

Precaution of Use:

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

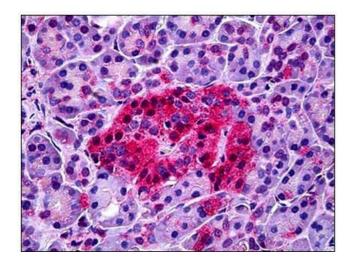
Handling Advice:

Avoid repeated freezing and thawing.

Storage:

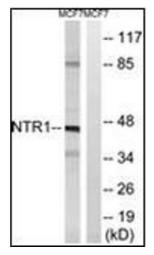
4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 2. Western blot analysis of extracts from MCF7 cells, using NTSR1 antibody. The lane on the right is treated with the synthesized peptide.