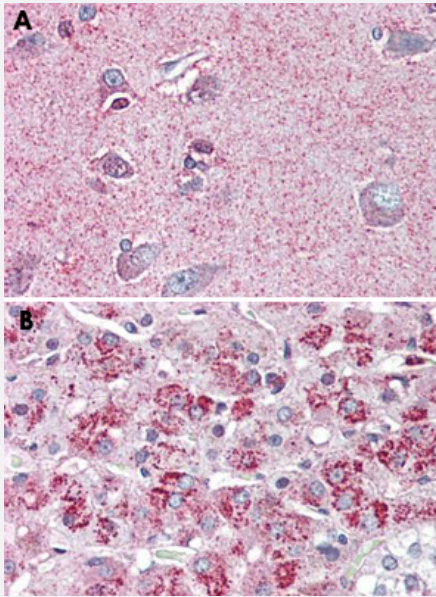


# NTSR2 polyclonal antibody

Catalog # PAB25549

Size 50 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human adrenal gland tissue after heat-induced antigen retrieval. Using NTSR2 polyclonal antibody (Cat # PAB25549).

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NTSR2.
Immunogen	A synthetic peptide corresponding to 16 amino acids at internal region of human NTSR2.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MLNR (69%).
Form	Liquid
Purification	Immunoaffinity chromatography

<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10-12 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human adrenal gland tissue after heat-induced antigen retrieval.

Using NTSR2 polyclonal antibody (Cat # PAB25549).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — NTSR2

<b>Entrez GeneID</b>	<a href="#">23620</a>
<b>Gene Name</b>	NTSR2
<b>Gene Alias</b>	NTR2
<b>Gene Description</b>	neurotensin receptor 2
<b>Omim ID</b>	<a href="#">605538</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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]
<b>Other Designations</b>	levocabastine-sensitive neurotensin receptor neurotensin receptor, type 2

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alcoholism](#)
- [Conduct Disorder](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)