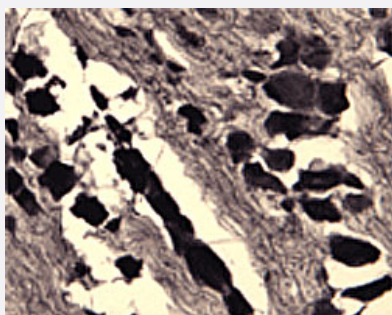


SORT1 polyclonal antibody

Catalog # PAB0734

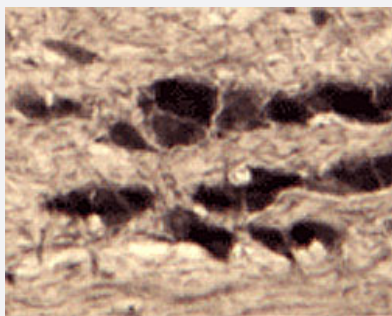
Size 100 uL

Applications



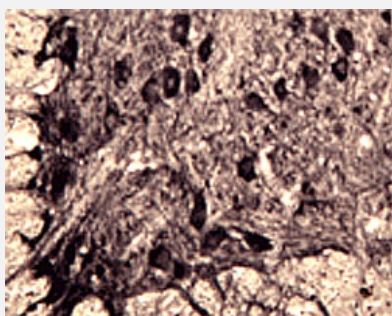
Immunohistochemistry (Frozen sections)

IHC on rat DRG (free floating cryo section) using rabbit SORT1 polyclonal antibody (Cat # PAB0734) at a dilution of 1 : 1000.



Immunohistochemistry (Frozen sections)

IHC on rat trigeminal nerve (free floating cryo section) using rabbit SORT1 polyclonal antibody (Cat # PAB0734) at a dilution of 1 : 1000.



Immunohistochemistry (Frozen sections)

IHC on rat spinal cord (free floating cryo section) using rabbit SORT1 polyclonal antibody (Cat # PAB0734) at a dilution of 1 : 1000.

Specification

Product Description

Rabbit polyclonal antibody raised against partial recombinant SORT1.

Immunogen

Recombinant protein corresponding to extracellular region of human SORT1.

Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Frozen sections)

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IHC on rat trigeminal nerve (free floating cryo section) using rabbit SORT1 polyclonal antibody (Cat # PAB0734) at a dilution of 1 : 1000.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SORT1

Entrez GeneID	6272
Protein Accession#	Q99523
Gene Name	SORT1
Gene Alias	Gp95, NT3
Gene Description	sortilin 1
Omim ID	602458

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a protein that is a multi-ligand type-1 receptor with similarity to the yeast carboxypeptidase Y sorting receptor Vps10 protein. The encoded protein, a trans-Golgi network (TGN) transmembrane protein, binds a number of unrelated ligands that participate in a wide range of cellular processes; however, it lacks the typical features of a signalling receptor. In the TGN, furin mediates the activation of the mature binding form. The encoded protein consists of a large luminal domain, a single transmembrane segment and short C-terminal cytoplasmic tail. The luminal domain contains a cysteine-rich region similar to two corresponding segments in the yeast Vps10p; the cytoplasmic tail is similar to the corresponding segment of the cation-independent mannose 6-phosphate receptor and the tail also interacts with the VHS domains of GGA (Golgi-associated, gamma-adaptin homologous, ARF-interacting) proteins. [provided by RefSeq]

Other Designations

OTTHUMP00000013784|neurotensin receptor 3

Pathway

- [Lysosome](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Frontotemporal Lobar Degeneration](#)
- [Genetic Predisposition to Disease](#)
- [Lipid Metabolism Disorders](#)
- [Myocardial Infarction](#)
- [Ovarian Neoplasms](#)