

MaxPab®

SORT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006272-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SORT1 protein.
Immunogen	SORT1 (ABM87792.1, 1 a.a. ~ 831 a.a) full-length human protein.
Sequence	MERPWGAADGLSRWPHGLGLLLLLQLLPPSTLSQDRLDAPPPPAAPLPRWSGPIGVSWGLRAA AAGGAFPRGGRWRRSAPGEDEECGRVRDFVAKLANNTHQHVFDDL RGSVLSWVG DSTGVIL VLTTFHVPLVIMTFGQSKLYRSEDYGNFKDITDLINNTFIRTEFGMAIGPENSGKVVLTAEVSGGSR GGRIFRSSDFAKNFVQTDLPFHPLTQMMYSPQNSDYLLALSTENGLWVSKNFGGKWEEIHKAVC LAKWGS DNTIFFTTYANGSCKADLGALELWRTSDLGKSFKTIGVKIYSFGLGGRFLFASVMADKDT TRRIHVSTDQGD TWSMAQLPSVGQE QFYSLAANDDMVMFMHVD EPGDTGFGTIFTSDDRGMYSK SLDRHLYTTTGGETDFTNVTSLRGVYITSVLSE DNSIQTMITFDQGGRWTHLRKPENSECDATAKN KNECSLHIHASYSISQKLNVPMAPLSEPNAGVIAHGSVGD AISVMVPDVYISDDGGYSWTKMLE GPHYITLDSSGIVAIEHSSRPINVIKFSTDEGQCWQTYTFRDPYFTGLASEPGARSMNISWGFTE SFLT SQWVSYTIDFKDILERNCEEKDYTWLAHSTD PEDYEDGCILGYKEQFLRLRKSSVCQNGRD YVVT KQPSICLCSLEDFLCDFGYR PENDSKCVEQPELKGHDLEFCLYGREEHLTTNGYRKIPGD KCQGGVNPVREV KDLKKKCTSNFLSPEKQNSKSNVPIILAIVGLMLVTVVAGVLIMKKYVCGGRF LVHRYSVLQQHAEANGVDGVDALDTASHTNKSGYHDDSD EDLLE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — SORT1

Entrez GeneID [6272](#)

GeneBank Accession# [DQ896793.2](#)

Protein Accession# [ABM87792.1](#)

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](#)