

DNAxPAb

Hard-to-Find
Antibody

SORT1 DNAxPab

Catalog # H00006272-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SORT1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)