

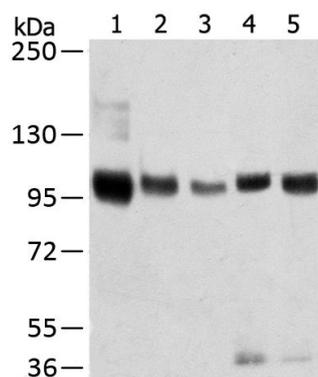
SORT1 Rabbit Polyclonal Antibody

OPR13686

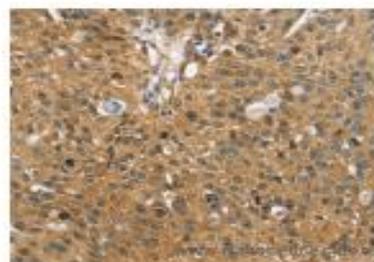
Reactivity	H, R,M	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	WB; IHC
Isotype	IgG	Concentration	0.7 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of Mouse brain and Human brain tissue, Human prostate tissue, Human fat and placenta tissue using SORT1 Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Human breast cancer using SORT1 Polyclonal Antibody at dilution of 1:35.

Immunogen Information

Immunogen	Synthetic peptide of human SORT1
Swissprot	Q99523
Synonyms	100 kDa NT receptor, Glycoprotein 95, Gp 95, Gp95, LDLCQ6, Neurotensin receptor 3, NT 3, NT3, NTR3, NTR3, OTTHUMP00000013784, SORT 1, SORT, SORT1 (gene name), Sort1, Sortilin 1, Sortilin

Product Information

Observed MW	92 kDa
Buffer	PBS with 0.05% sodium azide and 50% glycerol, pH7.4.
Dilution	WB: 1:500-1:2000, IHC: 1:35-1:150.

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

Background

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.

Research Use

For research use only, not for use in diagnostic procedure

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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