# **SORT1 Polyclonal Antibody**

Catalog Number: E-AB-13686



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

#### **Description**

Reactivity Human, Mouse, Rat

**Immunogen** Synthetic peptide of human SORT1

Host Rabbit
Isotype IgG

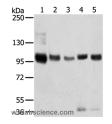
Purification Affinity purification
Conjugation Unconjugated

**Formulation** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

## **Applications** Recommended Dilution

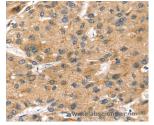
WB 1:500-1:2000 IHC 1:35-1:150

#### Data

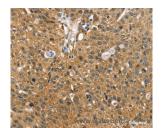


Western Blot analysis of Mouse brain and Human brain tissue, Human prostate tissue, Human fat and placenta tissue using SORT1 Polyclonal Antibody at dilution of 1:200

#### Calculated Mw:92kDa



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



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

## **Preparation & Storage**

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### **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

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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.

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