SORT1 Antibody

Catalog No: #40218

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

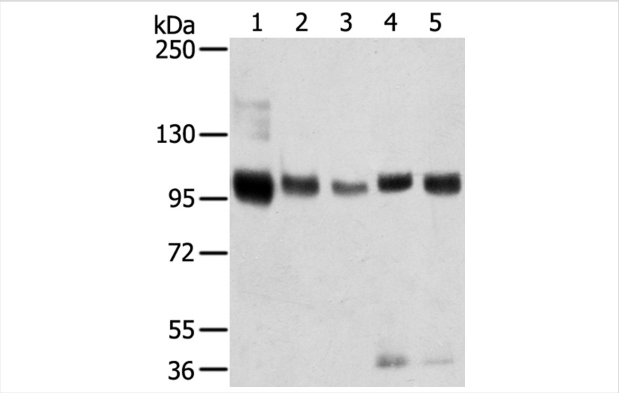
Product Name	SORT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SORT1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human sortilin 1
Target Name	SORT1
Other Names	NT3; Gp95; LDLCQ6
Accession No.	Swiss-Prot:Q99523Gene Accssion:NP_002950
Uniprot	Q99523
GeneID	6272;
SDS-PAGE MW	92KD
Concentration	0.7 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

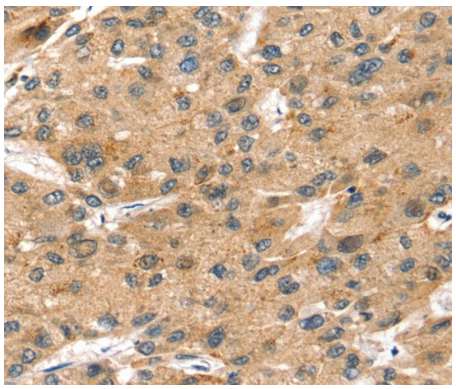
Western blotting: 1:500-1:2000

Immunohistochemistry:1:35-1:150

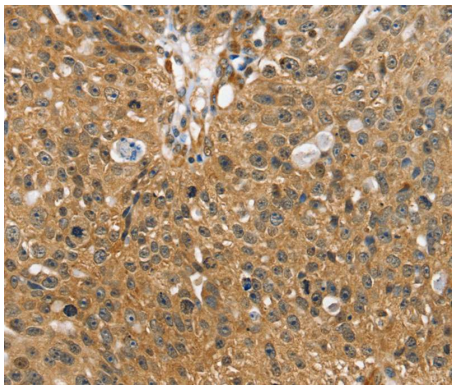
Images



Gel: 6%SDS-PAGE
Lysates (from left to right): Mouse brain and human brain tissue, human prostate tissue, human fat and placenta tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #40218 at dilution 1/35.



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #40218 at dilution 1/35.

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.?

Note: This product is for in vitro research use only