

Product Name: KD-Validated Sortilin 1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01296

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 92.1kDa

Antigen Information

Gene Name	SORT1
Alternative Names	SORT1; Sortilin 1; NT3; Gp95; Neurotensin Receptor 3; 100 KDa NT Receptor; Glycoprotein 95; Sortilin; NTR3; LDLCQ6; GP95
Gene ID	6272.0
SwissProt ID	Q99523
Immunogen	A synthesized peptide derived from human Sortilin

Background

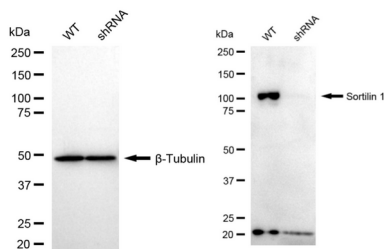
This gene encodes a member of the VPS10-related sortilin family of proteins. The encoded preproprotein is proteolytically processed by furin to generate the mature receptor. This receptor plays a role in the trafficking of different proteins to either the cell surface, or subcellular compartments such as lysosomes and endosomes. Expression levels of this gene may influence

the risk of myocardial infarction in human patients. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

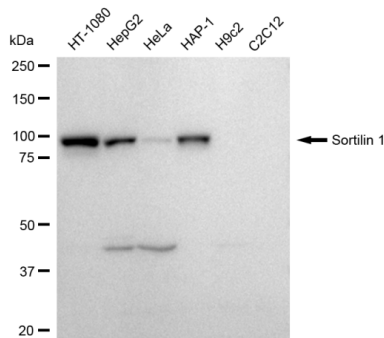
Research Area

Neuroscience, Cardiovascular, Metabolism

Image Data



Western blotting analysis using Sortilin 1 antibody (KVA01296). Sortilin 1 expression in wild type (WT) and Sortilin 1 shRNA knockdown (KD) HT-1080 cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with Sortilin 1 antibody (KVA01296, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Sortilin 1 antibody (KVA01296). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Sortilin 1 antibody (KVA01296, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.