

KD-Validated Anti-Sorting Nexin 4 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1764**Specification****KD-Validated Anti-Sorting Nexin 4 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	O95219
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 52 kDa , observed , 52 kDa kDa
Gene Name	SNX4
Aliases	SNX4; Sorting Nexin 4; ATG24B; Sorting Nexin-4
Immunogen	A synthesized peptide derived from human SNX4

KD-Validated Anti-Sorting Nexin 4 Rabbit Monoclonal Antibody - Additional Information

Gene ID	8723
Other Names	
Sorting nexin-4, SNX4	{ECO:0000303 PubMed:9819414, ECO:0000312 HGNC:HGNC:11175}

KD-Validated Anti-Sorting Nexin 4 Rabbit Monoclonal Antibody - Protein Information

Name SNX4 {ECO:0000303|PubMed:9819414, ECO:0000312|HGNC:HGNC:11175}

Function

Involved in the regulation of endocytosis and in several stages of intracellular trafficking (PubMed: 12668730, PubMed: 17994011, PubMed: 32513819, PubMed: 33468622). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation (PubMed: 17994011). Involved in autophagosome assembly by regulating trafficking and recycling of phospholipid scramblase ATG9A (PubMed: 32513819, PubMed: 33468622).

Cellular Location

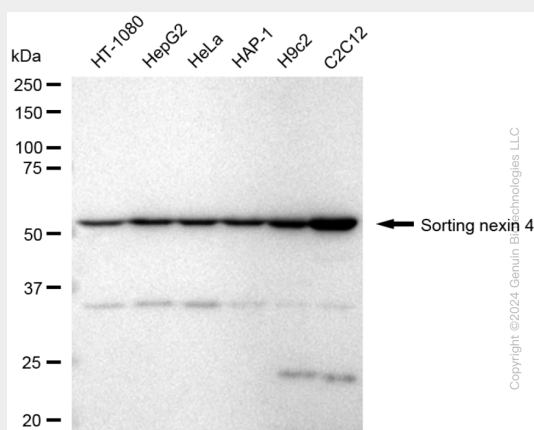
Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also detected on a juxtanuclear endocytic recycling compartment (ERC).

KD-Validated Anti-Sorting Nexin 4 Rabbit Monoclonal Antibody - Protocols

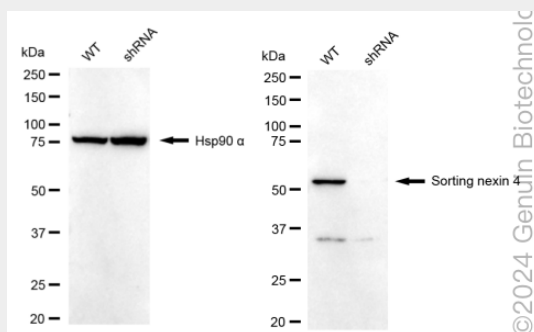
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

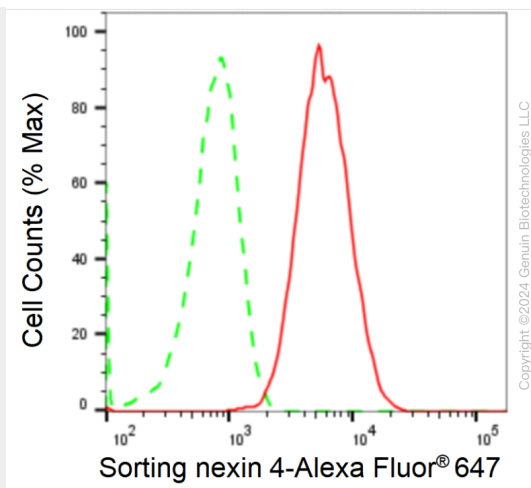
KD-Validated Anti-Sorting Nexin 4 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-sorting nexin 4 antibody (Cat#AGI1764). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-sorting nexin 4 antibody (Cat#AGI1764, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Sorting nexin 4 antibody (Cat#AGI1764). Sorting nexin 4 expression in wild type (WT) and Sorting nexin 4 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Sorting nexin 4 antibody (Cat#AGI1764, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Sorting nexin 4 expression in C2C12 cells using anti-Sorting nexin 4 antibody (Cat#AGI1764, 1:2,000). Green, isotype control; red, Sorting nexin 4.