

Product Name: KD-Validated Sorting Nexin 5 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00861

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
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; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 46.8kDa

Antigen Information

Gene Name	SNX5
Alternative Names	SNX5; Sorting Nexin 5; Sorting Nexin-5
Gene ID	27131.0
SwissProt ID	Q9Y5X3
Immunogen	A synthesized peptide derived from human SNX5

Background

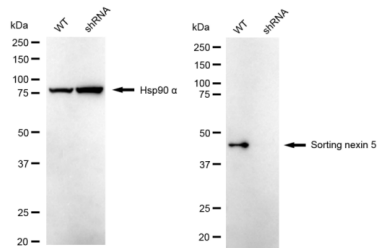
This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein functions in endosomal sorting, the phosphoinositide-signaling pathway, and macropinocytosis. This gene may play a role in the tumorigenesis of papillary thyroid carcinoma. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep

2013]

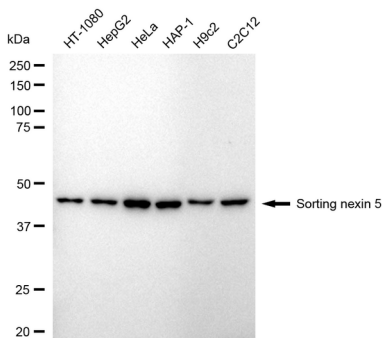
Research Area

Signal Transduction

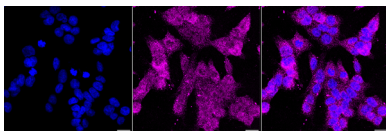
Image Data



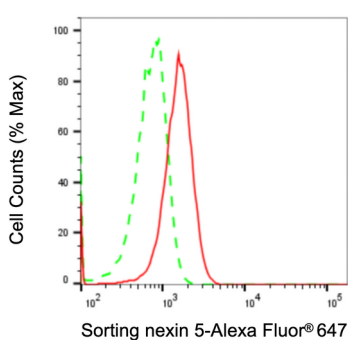
Western blotting analysis using Sorting nexin 5 antibody (KVA00861). Sorting nexin 5 expression in wild type (WT) and Sorting nexin 5 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Sorting nexin 5 antibody (KVA00861, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Sorting nexin 5 antibody (KVA00861). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Sorting nexin 5 antibody (KVA00861, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HAP-1 cells with Sorting nexin 5 antibody (KVA00861, 1:1,000). Nuclei were stained blue with DAPI; Sorting nexin 5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.



Flow cytometric analysis of sorting nexin 5 expression in HAP-1 cells using sorting nexin 5 antibody (KVA00861, 1:2,000). Green, isotype control; red, sorting nexin 5.