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Datasheet for ABIN5515146

anti-Sorting Nexin 1 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	Sorting Nexin 1 (SNX1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Zebrafish (Danio rerio), Dog, Guinea Pig, Rabbit, Horse, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sorting Nexin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human SNX1
Sequence:	RLLAIVRAAF DQRMKTWQRW QDAQATLQKK REAEARLLWA NKPKLQQAQ
Predicted Reactivity:	Cow: 91%, Dog: 91%, Guinea Pig: 91%, Horse: 93%, Human: 100%, Mouse: 91%, Pig: 92%, Rabbit: 91%, Rat: 91%, Yeast: 91%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against SNX1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Sorting Nexin 1 (SNX1)
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Target Details

Alternative Name: [SNX1 \(SNX1 Products\)](#)

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 endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms.

Alias Symbols: SNX1,

Protein Interaction Partner: SNX32, FUNDC1, CMTM5, REEP6, RTN4, AGTRAP, ARL6IP1, RABAC1, RTN3, UBC, MAT2B, GSPT2, ATG7, UGDH, STAT1, SHMT2, NASP, GARS, CTTN, ATP6V1C1, SNX6, ARFIP2, APP, DNAJC13, HGS, UFD1L, TK1, ATXN7, SNX2, VPS35, ACVR2B, ACVR1B, SNX1, LEPR, F2R, PDGFRB, INSR, EGFR

Protein Size: 522

Gene ID: 6642

NCBI Accession: [NP_683758](#)

UniProt: [Q13596](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

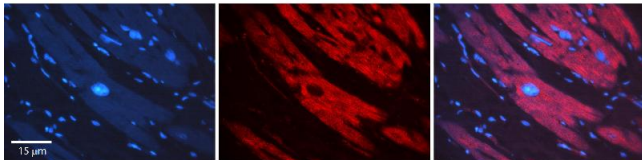
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

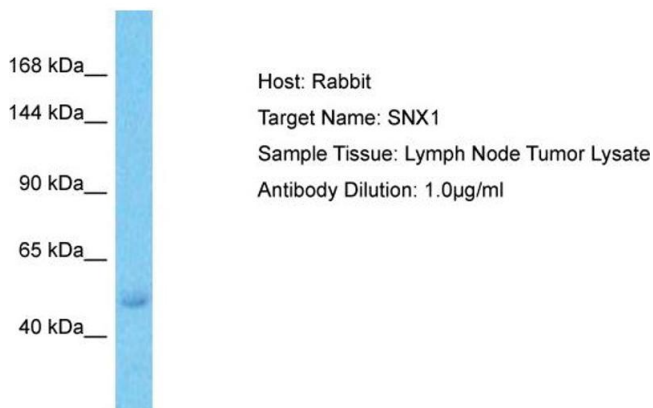
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-SNX1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Host: Rabbit
Target Name: SNX1
Sample Tissue: Lymph Node Tumor Lysate
Antibody Dilution: 1.0µg/ml

Western Blotting

Image 2. Host: Rabbit Target Name: SNX1 Sample Type: Lymph Node Tumor lysates Antibody Dilution: 1.0ug/ml