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Datasheet for ABIN1698917
anti-SNX5 antibody (AA 2-75) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	SNX5
Binding Specificity:	AA 2-75
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX5 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SNX5
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SNX5
Alternative Name:	SNX5 (SNX5 Products)
Background:	Synonyms: 0910001N05Rik, 1810032P22Rik, AU019504, D2Ert52e, FLJ10931,

Target Details

OTTHUMP00000030340, OTTHUMP00000062927, OTTMUSP00000003367, OTTMUSP00000003368, RP11-504H3.2, RP23-35E16.2, snoRNA MBI-43, SNX 5, SNX5, SNX5_HUMAN, Sorting nexin 5, Sorting nexin-5.

Background: Sorting nexin 1 (SNX1) is a member of a large family of hydrophilic proteins that interact with a variety of receptor types and are involved in intracellular trafficking (1). SNX1 and the related splice variant, SNX1A, bind the epidermal growth factor (EGF) receptor, facilitate its transport to lysosome, and thereby contribute to the degradation of the receptor (2,3). SNX2 and SNX4 share a high degree of amino acid similarity with SNX1, as they all contain a characteristic phox homology (PX) domain (4). These proteins are all partially associated with cellular membranes, and they, likewise, associate with EGF, PDGF and insulin receptor tyrosine kinases (2). These nexins are widely expressed and yet have various tissue distribution patterns. Additionally, the sorting nexins can associate with each other and with a variety of other cellular proteins, suggesting that they exist as part of multisubunit complexes (1,5). The related protein, SNX3, comprises a distinct subgroup of nexins that share less sequence similarity outside of the PX domain and have dramatically different binding affinities for the tyrosine kinase receptors (2,6).

Gene ID: 27131

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months