10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SNX6 Rabbit pAb

Catalog # AP96264

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9BUY3
Other Accession	Q9BUY3
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SNX6
Epitope Specificity	211-310/406
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm. Nucleus. Note=Interaction with SNX1 or SNX2 promotes location at endosome membranes. Only a minor proportion is seen in the nucleus.
SIMILARITY	Belongs to the sorting nexin family. Contains 1 PX (phox homology) domain.
SUBUNIT	Interacts with CDKN1B (By similarity). Interacts with TGFB receptors. Interacts with dynactin subunit DCTN1. Interacts with SNX1 and SNX2. Interacts with BACE1 and BRMS1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Two related proteins, TRAF1 and TRAF2 (TNF receptor-associated factors 1 and 2, respectively), form a heterodimeric complex that associates with the cytoplasmic domain of the tumor necrosis factor (TNF) receptor type 2 (1). A third member of this family, TRAF3 (also designated CD40bp or CRAF1) associates with the cytoplasmic domain of CD40 (2). Additional membersof the TRAF/CRAF family of signaling intermediates include TRAF4 (also designated CART1), TRAF5 and TRAF6 (3-5). TRAF4 associated factor 2 (TRAF4-AF2), also designated sorting nexin 6 (SNX6), is a member of the sorting nexin family of molecules, which are widely expressed and associate with various receptor (6).

Additional Information

Gene ID	58533
Other Names	MSTP010; TFAF2; 2010006G21Rik; 2610032J07Rik; 2810425K19Rik; Q9BUY3_HUMAN; SNX6_HUMAN; SNX6; TRAF4-associated factor 2; SNX6_MOUSE; Q8R0Z4_MOUSE; Q9CZ03_MOUSE; sorting nexin 6

Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SNX6 Rabbit pAb
Function	Snx6 is 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 associates with the long isoform of the leptin receptor, the transforming growth factor-beta family of receptor serine-threonine kinases, and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor. This protein may form oligomeric complexes with family member proteins through interactions of both the PX domain and the coiled coil regions of the molecules. Translocation of this protein from the cytoplasm to the nucleus occurs after binding to proviral integration site 1 protein. This gene results in two transcripts encoding two distinct isoforms.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.