

SNX6 Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1464d

Product Information

Application	WB, E
Primary Accession	Q9UNH7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23004

Additional Information

Other Names	Sorting nexin-6, TRAF4-associated factor 2, Sorting nexin-6, N-terminally processed, SNX6
Target/Specificity	This SNX6 antibody is generated from rabbits immunized with human SNX6 recombinant protein.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SNX6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

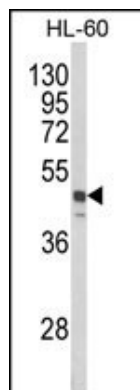
SNX6 interacts with members of the transforming growth factor-beta family of receptor serine-threonine kinases. These receptors belong to two classes: type II receptors that bind ligand, and type I receptors that are subsequently recruited to transduce the signal. Of the type II receptors, SNX6 was found to interact strongly with ActRIIB and more moderately with wild type and kinase-defective mutants of TbetaRII. Of the type I receptors, SNX6 was found to interact only with inactivated TbetaRI. SNXs 1-4 also interacted with the transforming growth factor-beta receptor family, showing different receptor preferences. Conversely, SNX6 behaved similarly to the other SNX proteins in its interactions with receptor tyrosine kinases. Strong heteromeric interactions were also seen among SNX1, -2, -4, and -6, suggesting the formation in vivo of

oligomeric complexes. These findings are the first evidence for the association of the SNX family of molecules with receptor serine-threonine kinases.

References

Parks W.T., J. Biol. Chem. 276:19332-19339(2001).

Images



Western blot analysis of SNX6 Antibody (Cat. #AP1464d) in HL-60 cell line lysates (35ug/lane). SNX6 (arrow) was detected using the purified Pab.

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