

ARG45275 anti-SNX6 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes SNX6
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SNX6
Species	Human
Immunogen	Recombinant protein containing to human SNX6.
Conjugation	Un-conjugated
Alternate Names	SNX6; Sorting Nexin 6; TRAF4-Associated Factor 2; Sorting Nexin-6; Tumor Necrosis Factor Receptor-Associated Factor 4(TRAF4)-Associated Factor 2; MSTP010; TFAF2

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	47 kDa	

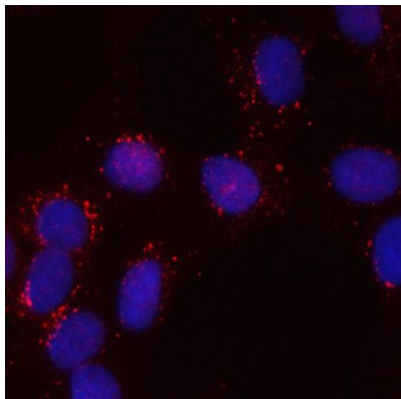
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

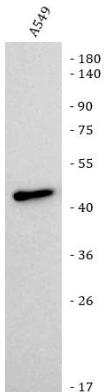
Gene Symbol	SNX6
Gene Full Name	Sorting Nexin 6
Background	This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein associates with the long isoform 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. [provided by RefSeq, Jul 2008]
Function	Involved in several stages of intracellular trafficking. Interacts with membranes phosphatidylinositol 3,4-bisphosphate and/or phosphatidylinositol 4,5-bisphosphate (Probable). Acts in part as component of the retromer membrane-deforming SNX-BAR subcomplex. [UniProt]
Calculated Mw	47 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Cytoplasmic vesicle; Endosome; Membrane; Nucleus. [UniProt]

Images



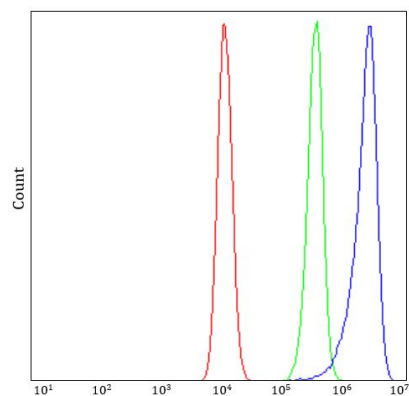
ARG45275 anti-SNX6 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45275 anti-SNX6 antibody at 5 ug/ml dilution.



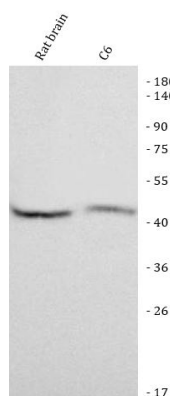
ARG45275 anti-SNX6 antibody WB image

Western blot: A549 stained with ARG45275 anti-SNX6 antibody at 0.5 µg/ml dilution.



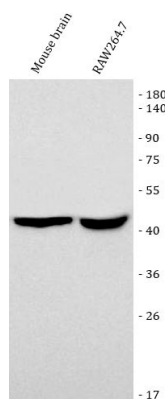
ARG45275 anti-SNX6 antibody FACS image

Flow Cytometry: HCT116 stained with ARG45275 anti-SNX6 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



ARG45275 anti-SNX6 antibody WB image

Western blot: Rat brain and C6 stained with ARG45275 anti-SNX6 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45275 anti-SNX6 antibody WB image

Western blot: Mouse brain and RAW264.7 stained with ARG45275 anti-SNX6 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.