

SNX6 (H-40): sc-50373

BACKGROUND

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. A third member of this family, TRAF3 (also designated CD40bp or CRAF1) associates with the cytoplasmic domain of CD40. Additional members of the TRAF/CRAF family of signaling intermediates include TRAF4 (also designated CART1), TRAF5 and TRAF6. 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 receptors.

REFERENCES

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6. Haft, C.R., de la Luz Sierra, M., Barr, V.A., Haft, D.H. and Taylor, S.I. 1998. Identification of a family of sorting nexin molecules and characterization of their association with receptors. *Mol. Cell. Biol.* 18: 7278-7287.

CHROMOSOMAL LOCATION

Genetic locus: SNX6 (human) mapping to 14q13.1; Snx6 (mouse) mapping to 12 C1.

SOURCE

SNX6 (H-40) is a rabbit polyclonal antibody raised against amino acids 1-40 mapping at the N-terminus of SNX6 of human origin.

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

SNX6 (H-40) is recommended for detection of SNX6 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

SNX6 (H-40) is also recommended for detection of SNX6 in additional species, including canine, bovine, porcine and avian.

Suitable for use as control antibody for SNX6 siRNA (h): sc-41357, SNX6 siRNA (m): sc-41358, SNX6 shRNA Plasmid (h): sc-41357-SH, SNX6 shRNA Plasmid (m): sc-41358-SH, SNX6 shRNA (h) Lentiviral Particles: sc-41357-V and SNX6 shRNA (m) Lentiviral Particles: sc-41358-V.

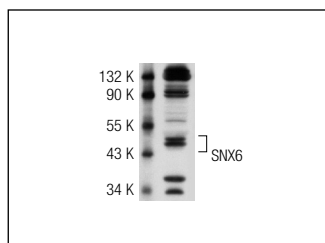
Molecular Weight of SNX6: 47 kDa.

Positive Controls: LADMAC whole cell lysate: sc-364189, Hep G2 cell lysate: sc-2227 or A549 cell lysate: sc-2413.

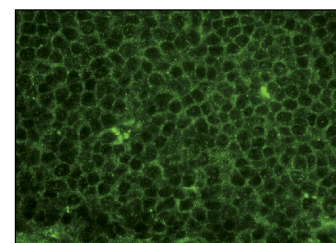
RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

DATA



SNX6 (H-40): sc-50373. Western blot analysis of SNX6 expression in A549 whole cell lysate.



SNX6 (H-40): sc-50373. Immunofluorescence staining of normal mouse lymph node frozen section showing cytoplasmic staining.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.