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Rabbit Anti-SNX6 antibody

SL12410R

Product Name:	SNX6
Chinese Name:	分选连接蛋白6抗体
Alias:	Sorting Nexin 6; TFAF2; TRAF4 Associated Factor 2; SNX6_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The nucleuscytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SNX6:211-310/406
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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).

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.

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.

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.

SWISS:
Q9BUY3

Gene ID:
58533

Database links:

Entrez Gene: 423319Chicken

Entrez Gene: 58533Human

Entrez Gene: 72183Mouse

Omim: 606098Human

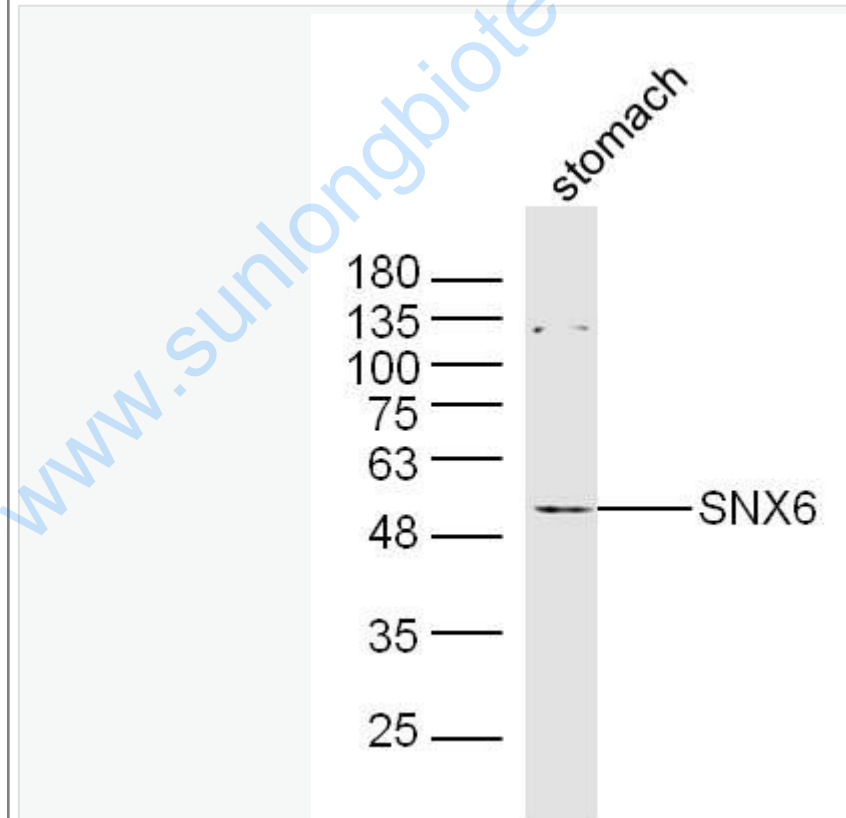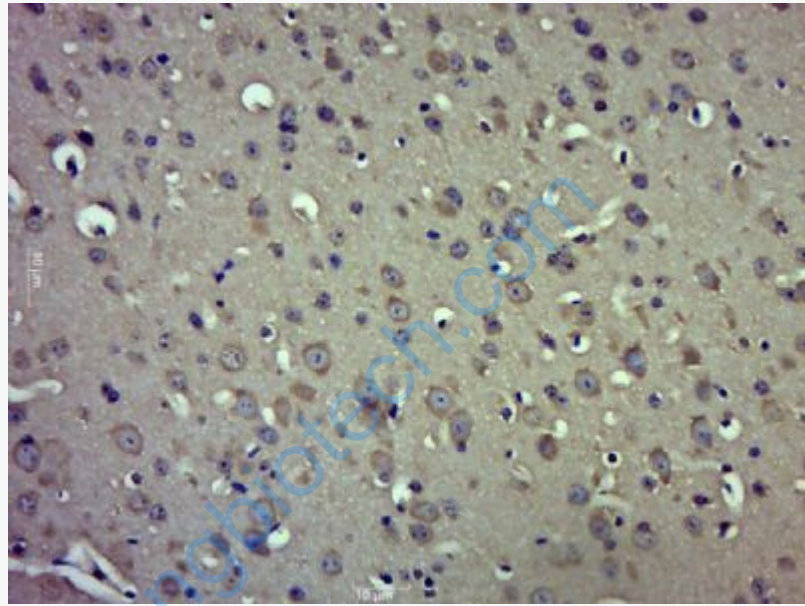|	
	SwissProt: Q9BUY3 Human SwissProt: Q9UNH7 Human SwissProt: Q6P8X1 Mouse SwissProt: Q8R0Z4 Mouse SwissProt: Q9CZ03 Mouse Unigene: 583855 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Stomach (Mouse) Lysate at 40 ug Primary: Anti-SNX6 (SL12410R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 50 kD

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SNX6) Polyclonal Antibody, Unconjugated (SL12410R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.