

Anti-SNAP29 Rabbit Monoclonal Antibody

Catalog # ABO16213

Product Information

Application	WB, IP
Primary Accession	O95721
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-SNAP29 Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	9342
Other Names	Synaptosomal-associated protein 29 {ECO:0000312 HGNC:HGNC:11133}, SNAP-29 {ECO:0000312 HGNC:HGNC:11133}, Soluble 29 kDa NSF attachment protein {ECO:0000312 HGNC:HGNC:11133}, Vesicle-membrane fusion protein SNAP-29, SNAP29 (HGNC:11133)
Calculated MW	28970
Application Details	WB 1:500-1:2000 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 27S92 A synthesized peptide derived from human SNAP29
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	SNAP29 (HGNC:11133)
Function	SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs

localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion. SNAP29 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. Also plays a role in ciliogenesis by regulating membrane fusions.

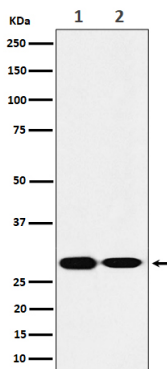
Cellular Location

Cytoplasm. Golgi apparatus membrane {ECO:0000250 | UniProtKB:Q9Z2P6}; Peripheral membrane protein. Cytoplasmic vesicle, autophagosome membrane; Peripheral membrane protein. Cell projection, cilium membrane; Peripheral membrane protein. Note=Appears to be mostly membrane-bound, probably via interaction with syntaxins, but a significant portion is cytoplasmic Localizes to the ciliary pocket from where the cilium protrudes

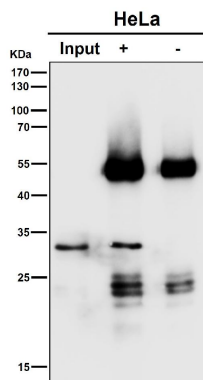
Tissue Location

Found in brain, heart, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas

Images



Western blot analysis of SNAP29 expression in (1) HeLa cell lysate; (2) Mouse brain lysate.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)

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