

SNAP29 Rabbit pAb

Catalog # AP53593

Product Information

Primary Accession	O95721
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	28970

Additional Information

Gene ID	9342
Other Names	CEDNIK; SNAP-29
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

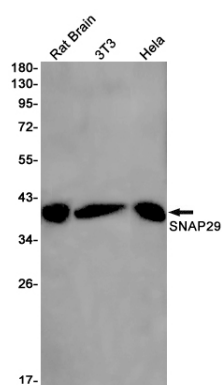
Name	SNAP29 (HGNC:11133)
Function	SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that 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

Background

Swiss-Prot Acc.O95721.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. Plays also a role in ciliogenesis by regulating membrane fusions.

Images



Western blot detection of SNAP29 in Rat Brain, 3T3, HeLa cell lysates using SNAP29 Rabbit pAb (1:1000 diluted). Predicted band size: 29 kDa. Observed band size: 29 kDa.

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