

Snap29 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14414

Product Information

Application	WB
Primary Accession	Q9Z2P6
Other Accession	NM_053810 , NP_446262
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse
Predicted	Human, Rat, Dog, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29071

Additional Information

Alias Symbol	Gs32, MGC105273
Other Names	Synaptosomal-associated protein 29, SNAP-29, Golgi SNARE of 32 kDa, Gs32, Soluble 29 kDa NSF attachment protein, Vesicle-membrane fusion protein SNAP-29, Snap29
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Snap29 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Snap29 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Snap29 {ECO:0000250 UniProtKB:O95721}
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; Peripheral membrane protein. Cytoplasmic vesicle, autophagosome membrane {ECO:0000250 UniProtKB:O95721}; Peripheral membrane protein. Cell

projection, cilium membrane {ECO:0000250|UniProtKB:O95721}; 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 {ECO:0000250|UniProtKB:O95721}

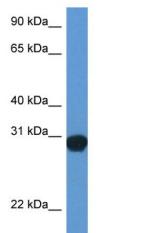
Tissue Location

Widely expressed..

References

Wong S.H.,et al.Mol. Biol. Cell 10:119-134(1999).
Lubec G.,et al.Submitted (APR-2007) to UniProtKB.

Images



WB Suggested Anti-Snap29 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Lung

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