

Snap29 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14414**Specification**

Snap29 antibody - middle region - Product Information

Application	WB
Primary Accession	O9Z2P6
Other Accession	NM_053810 , NP_446262
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Guinea Pig, Dog
Predicted Host	Human, Rat, Guinea Pig, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 29kDa KDa

Snap29 antibody - middle region - Additional InformationAlias 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.

Snap29 antibody - middle region - 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}

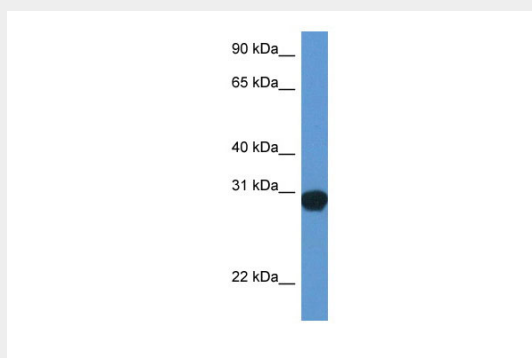
Tissue Location

Widely expressed..

Snap29 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Snap29 antibody - middle region - Images

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

Snap29 antibody - middle region - References

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