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Snap29 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14414

Specification

Snap29 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9Z2P6
Other Accession	NM_053810, NP_446262
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Guinea Pig, Dog**
Predicted	**Human, Rat, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**29kDa KDa**

Snap29 antibody - middle region - 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.

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 lysososome 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}

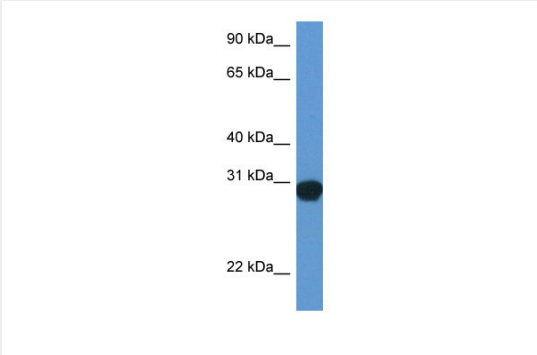
Tissue Location
Widely expressed..

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 Cytomety
- 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.