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# 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

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|---|---|
| **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

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|---|---|
| **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 |

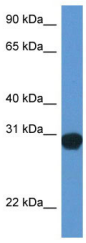
projection, cilium membrane {ECO:0000250|UniProtKB:O95721}; Peripheral membrane protein. Note=Appears to be mostly membrane-bound, probably via interaction with syntaxins, but a significant portion is cytoplasmic Localizes to the ciliary pocket from where the cilium protrudes {ECO:0000250|UniProtKB:O95721}

**Tissue Location** Widely expressed..

## 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'.