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# SNAP29 Antibody

Rabbit mAb
Catalog # AP92796

## Product Information

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|---|---|
| **Application** | WB, IP |
| **Primary Accession** | O95721 |
| **Reactivity** | Rat, Human, Mouse |
| **Clonality** | Monoclonal |
| **Other Names** | CEDNIK; SNAP29; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 28970 |

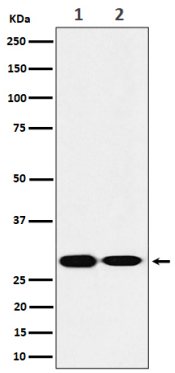
## Additional Information

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|---|---|
| **Dilution** | WB 1:500~1:2000 IP 1:50 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human SNAP29 |
| **Description** | Involved in multiple membrane trafficking steps. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Protein Information

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| **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 lysososome 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 |

## Images




Western blot analysis of SNAP29 expression in (1) HeLa cell lysate; (2) Mouse brain lysate.

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