

**Anti-SNAP29 Rabbit Monoclonal Antibody**  
**Catalog # ABO16213****Specification****Anti-SNAP29 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IP
Primary Accession	<a href="#">O95721</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-SNAP29 Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

**Anti-SNAP29 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 9342

**Other Names**

Synaptosomal-associated protein 29 {ECO:0000312|HGNC:HGNC:11133}, SNAP-29 {ECO:0000312|HGNC:HGNC:11133}, Soluble 29 kDa NSF attachment protein {ECO:0000312|HGNC:HGNC:11133}, Vesicle-membrane fusion protein SNAP-29, SNAP29 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=11133](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11133))

**Calculated MW**

27 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IP 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human SNAP29

**Purification**

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-SNAP29 Rabbit Monoclonal Antibody - Protein Information**

**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 lysosome 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

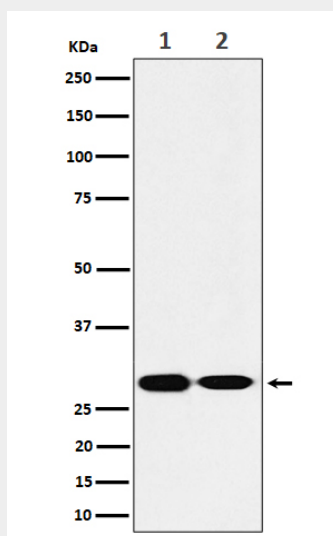
Found in brain, heart, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas

## Anti-SNAP29 Rabbit Monoclonal Antibody - Protocols

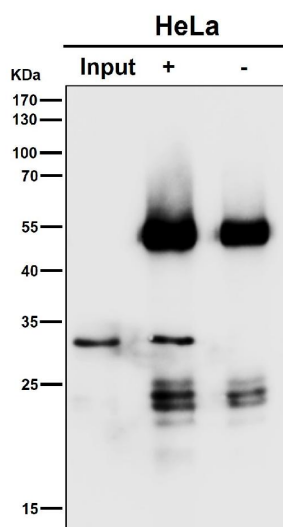
Provided below are standard protocols that you may find useful for product applications.

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

## Anti-SNAP29 Rabbit Monoclonal Antibody - Images



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



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)