

## anti- VAMP8 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab09365   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| Clonality:    | polyclonal  |
| Clone ID:     | None  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### Background

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. VAMP8 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane via its interaction with the STX17-SNAP29 binary t-SNARE complex(PubMed:23217709, PubMed:25686604). Also required for dense-granule secretion in platelets(PubMed:12130530). Plays also a role in regulated enzyme secretion in pancreatic acinar cells(By similarity). Involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells(By similarity). Involved in the homotypic fusion of early and late endosomes(By similarity).

### Immunogen information

|              |   |
|--------------|---|
| Immunogen:   | vesicle-associated membrane protein 8(endobrevin) |
| Synonyms:    | EDB, Endobrevin, VAMP 8, VAMP8                    |
| Observed MW: | 15 kDa  |
| UniprotID :  | Q9BV40  |

### Wuhan Fine Biotech Co., Ltd.

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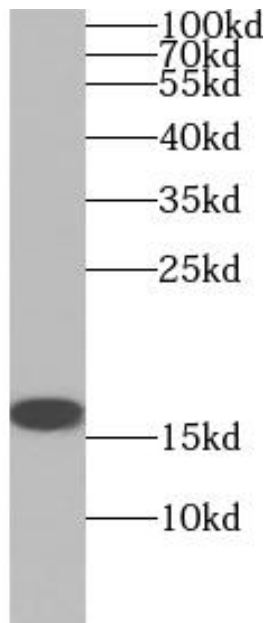
## Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:1000

Image:



HL-60 cells were subjected to SDS PAGE followed by western blot with FNab09365(VAMP8 Antibody) at dilution of 1:300

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