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Datasheet for ABIN7120762  
**anti-VAMP8 antibody**

### Overview

Quantity:	100 µg
Target:	VAMP8
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAMP8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	vesicle-associated membrane protein 8(endobrevin)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	VAMP8
Alternative Name:	VAMP8 ( <a href="#">VAMP8 Products</a> )
Background:	Synonyms:EDB, Endobrevin, VAMP 8, VAMP8 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

## Target Details

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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).

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Molecular Weight: 15 kDa

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Gene ID: 8673

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UniProt: [Q9BV40](#)

## Application Details

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Application Notes: WB: 1:200-1:1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months