

Datasheet for ABIN7120762 **anti-VAMP8 antibody**

[Go to Product page](#)

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 (VAMP8 Products)
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

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).

Molecular Weight: 15 kDa

Gene ID: 8673

UniProt: [Q9BV40](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

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

Storage: -20 °C

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

Expiry Date: 12 months