

Datasheet for ABIN6244033
anti-VAMP8 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	VAMP8
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VAMP8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This VAMP8 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 2~24 amino acids from the N-terminal region of human VAMP8.
Clone:	1414CT354-12-23-93
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	VAMP8
Alternative Name:	VAMP8 (VAMP8 Products)
Background:	SNAREs, Soluble N-ethylmaleimide-sensitive factor- attachment protein receptors, are essential

Target Details

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. Also required for dense-granule secretion in platelets. Plays also a role in regulated enzyme secretion in pancreatic acinar cells. Involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells. Involved in the homotypic fusion of early and late endosomes.

Molecular Weight:	11438
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UniProt:	Q9BV40
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Application Details

Application Notes:	WB: 1:1000-1:2000. IHC-P: 1:25
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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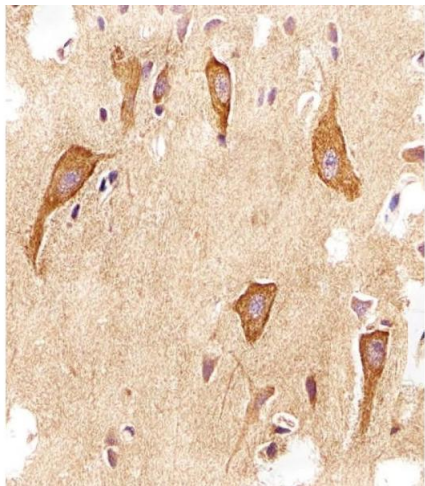
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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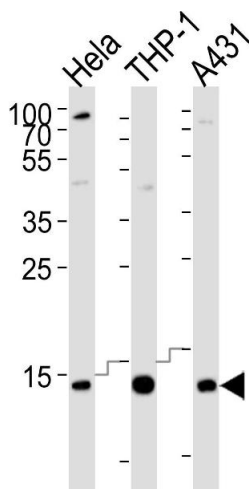
Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. brain section using VP8 Antibody (N-term) 8440a. 8440a was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of lysates from HeLa, THP-1, A431 cell line (from left to right), using VP8 Antibody (N-term) 8440a. 8440a was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.