

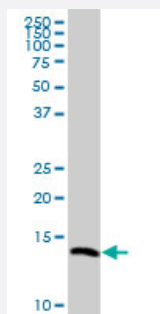
MaxPab®

# VAMP8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008673-B01P

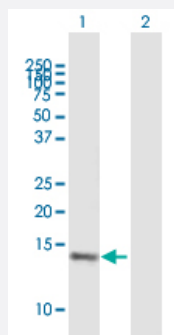
Size 50 ug

## Applications



### Western Blot (Cell lysate)

VAMP8 MaxPab polyclonal antibody. Western Blot analysis of VAMP8 expression in A-431.



### Western Blot (Transfected lysate)

Western Blot analysis of VAMP8 expression in transfected 293T cell line ([H00008673-T01](#)) by VAMP8 MaxPab polyclonal antibody.

Lane 1: VAMP8 transfected lysate(11 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Product Description | Mouse polyclonal antibody raised against a full-length human VAMP8 protein.                           |
| Immunogen           | VAMP8 (AAH01634, 1 a.a. ~ 100 a.a) full-length human protein.                                         |
| Sequence            | MEEASEGGGNDVRNLQSEVEGVKNIMTQNVERILARGENLEHLRNKTEDLEATSEHFKTTSQKV<br>ARKFWWKNVKMMVLICVMFIIILFMLFATGAFS |
| Host                | Mouse                                                                                                 |
| Reactivity          | Human                                                                                                 |

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (87); Rat (87)                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Cell lysate)

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — VAMP8

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Entrez GeneID       | <a href="#">8673</a>                               |
| GeneBank Accession# | <a href="#">BC001634</a>                           |
| Protein Accession#  | <a href="#">AAH01634</a>                           |
| Gene Name           | VAMP8                                              |
| Gene Alias          | EDB                                                |
| Gene Description    | vesicle-associated membrane protein 8 (endobrevin) |
| Omim ID             | <a href="#">603177</a>                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                          |

**Gene Summary**

Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. It is associated with the perinuclear vesicular structures of the early endocytic compartment. It has been found that VAMP8 interacts specifically with the soluble NSF-attachment protein (alpha-SNAP), most likely through an VAMP8-containing SNARE complex. [provided by RefSeq]

**Other Designations**

endobrevin|vesicle-associated membrane protein 8

**Publication Reference**

- [Expression of Antizyme Inhibitor 2 in Mast Cells and Role of Polyamines as Selective Regulators of Serotonin Secretion.](#)

Kanerva K, Lappalainen J, Makitie LT, Virolainen S, Kovanen PT, Andersson LC.

PLoS One 2009 Aug; 4(8):e6858.

Application: IF, Human, LAD2 cells

**Pathway**

- [SNARE interactions in vesicular transport](#)

**Disease**

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hypertension](#)

- [Kidney Diseases](#)
- [Myocardial Infarction](#)
- [Stroke](#)
- [Werner syndrome](#)