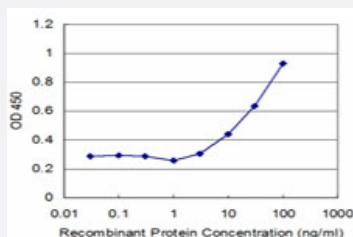


# VAPB monoclonal antibody (M10), clone 1A2

Catalog # H00009217-M10

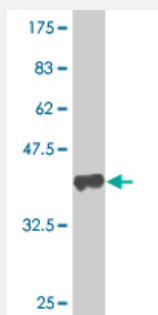
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VAPB is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant VAPB.

### Immunogen

VAPB (NP\_004729.1, 124 a.a. ~ 223 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

ELPAENDKPHDVEINKIISTTASKTETPIVSKSLSSSLDDTEVKKVMEECKRLQGEVQRLREENKQ  
FKEEDGLRMRKTVQSNPISALAPTGKEEGLSTR

### Host

Mouse

### Reactivity

Human

Interspecies Antigen Sequence	Mouse (90); Rat (88)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VAPB is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — VAPB

Entrez GeneID	<a href="#">9217</a>
GeneBank Accession#	<a href="#">NM_004738</a>
Protein Accession#	<a href="#">NP_004729.1</a>
Gene Name	VAPB
Gene Alias	ALS8, VAMP-B, VAMP-C, VAP-B, VAP-C
Gene Description	VAMP (vesicle-associated membrane protein)-associated protein B and C
Omim ID	<a href="#">182980</a> <a href="#">605704</a> <a href="#">608627</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The protein encoded by this gene is a type IV membrane protein found in plasma and intracellular vesicle membranes. The encoded protein is found as a homodimer and as a heterodimer with VAMP1. This protein also can interact with VAMP1 and VAMP2 and may be involved in vesicle trafficking. [provided by RefSeq]

**Other Designations**

OTTHUMP00000031393|VAMP-associated 33 kDa protein|VAMP-associated protein B|VAMP-associated protein B/C|VAMP-associated protein C

**Disease**

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)