

Rabbit VAPB Polyclonal Antibody | anti-VAPB antibody

VAPB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327004	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

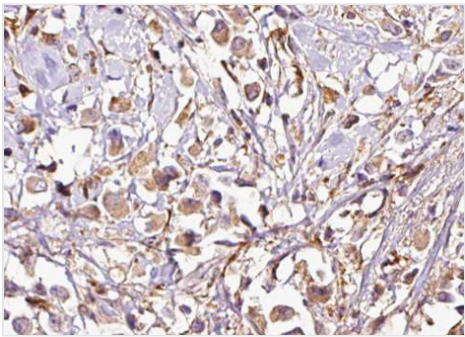
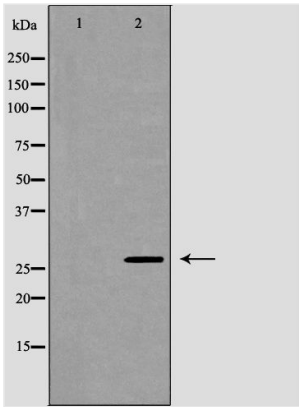
PRODUCT SYNONYMS

VAPB; Polyclonal Antibody; VAPB Antibody; ALS 8; ALS8; D2Abb2e; UNQ484/PRO983; Vamp 33b; VAMP associated 33 kDa protein; VAMP associated protein B and C; VAMP associated protein B; VAMP associated protein B/C; VAMP associated protein C; VAMP B; VAMP B VAMP C; VAMP B/VAMP C; VAMP C; VAMP vesicle associated membrane protein associated protein B and C; Vamp33b; VAMPB; VAMPB/VAMPC; VAMPC; VAP 33b; VAP B; VAP B/VAP C; VAP C; VAP33b; VAPB/VAPC; VAPC; Vesicle associated membrane protein associated protein B and C; Vesicle associated membrane protein associated protein B/C; anti-VAPB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	VAPB antibody detects endogenous levels of total VAPB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	99
Applicable Applications for anti-VAPB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VAPB
Subcellular Location	Cell Membrane; Single-Pass Type IV Membrane. Intracytoplasmic Membrane; Single-Pass Type IV Membrane Protein. Note: Present in the plasma membrane and in intracellular vesicles.
Tissue Specificity	Ubiquitous. Isoform 1 predominates.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327004 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using VAPB Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-VAPB antibody	Description: 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 VAPA. This protein also can interact with VAMP1 and VAMP2 and may be involved in vesicle trafficking. Function: Participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity. Involved in cellular calcium homeostasis regulation. Subunit Structure: Homodimer, and heterodimer with VAPA (PubMed:20940299). Interacts with VAMP1 and VAMP2 (PubMed:9920726, PubMed:20940299). Interacts (via MSP domain) with ZFYVE27 (PubMed:21976701, PubMed:19289470). Interacts with RMDN3 (PubMed:22131369). Interacts with KIF5A in a ZFYVE27-dependent manner (PubMed:21976701). Interacts with STARD3 (via FFAT motif) (PubMed:24105263). Interacts with STARD3NL (via FFAT motif) (PubMed:24105263). Similarity: Belongs to the VAMP-associated protein (VAP) (TC 9.B.17) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	307574674
NCBI GeneID	9217
NCBI Accession #	NP_001182606.1
NCBI GenBank Nucleotide #	NM_001195677.1
UniProt Accession #	O95292; O95293; Q9P0H0; A2A2F2
Molecular Weight	Observed: 27 kDa Predicted: 28 kDa
NCBI Official Full Name	vesicle-associated membrane protein-associated protein B/C isoform 2
NCBI Official Synonym Full Names	VAMP associated protein B and C
NCBI Official Symbol	VAPB
NCBI Official Synonym Symbols	ALS8; VAP-B; VAMP-B
NCBI Protein Information	vesicle-associated membrane protein-associated protein B/C
UniProt Protein Name	Vesicle-associated membrane protein-associated protein B/C
UniProt Gene Name	VAPB
UniProt Synonym Gene Names	VAMP-B/VAMP-C; VAMP-associated protein B/C; VAP-B/VAP-C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vapb-antibody-immunohistochemistry-western-blot-elisa/327004>