Rabbit anti-Human VAPB Polyclonal Antibody | anti-VAPB antibody

Anti-VAPB Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255146	**Rabbit**	**Human**	**Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot**

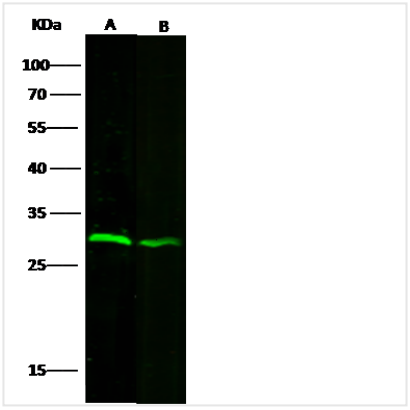
PRODUCT SYNONYMS

VAPB; Polyclonal Antibody; Anti-VAPB Antibody; Rabbit Polyclonal; VAPB/VAP-B Antibody; Rabbit PAb; Antigen Affinity Purified; VAMP (vesicle-associated membrane protein)-associated protein B and C; Anti-ALS8 Antibody; Anti-VAMP-B Antibody; Anti-VAP-B Antibody; anti-VAPB antibody

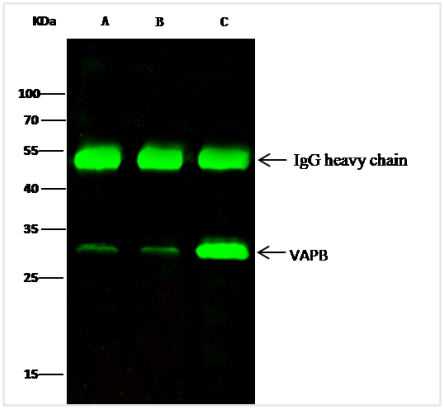
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VAPB/VAP-B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-VAPB antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human VAPB/VAP-B protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human VAPB/VAP-B (rh VAPB/VAP-B). VAPB/VAP-B specific IgG was purified by Human VAPB/VAP-B affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

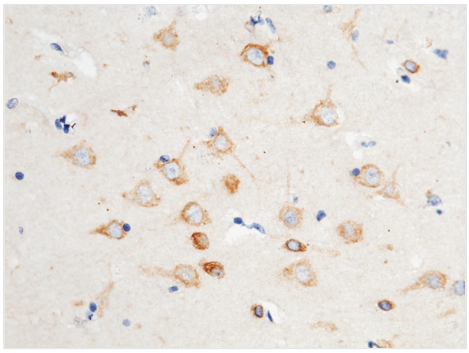
IMAGES



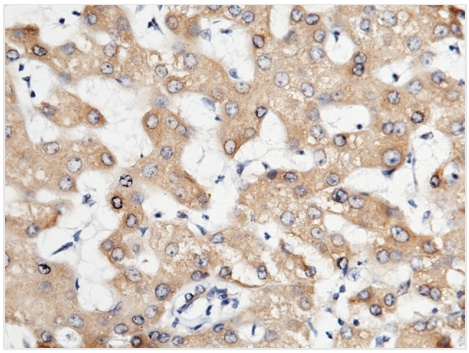
WB (Western Blot)
Anti-VAPB rabbit polyclonal antibody at 1:500 dilutionLane A: HepG2 Whole Cell LysateLane B: A549 Whole Cell LysateLysates/proteins at 60 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:27 kDaObserved band size:30 kDa



IP (Immunoprecipitation)
VAPB was immunoprecipitated using:Lane A:0.5 mg HepG2 Whole Cell LysateLane B:0.5 mg Jurkat Whole Cell LysateLane C:0.5 mg A549 Whole Cell Lysate2 uL anti-VAPB rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-VAPB rabbit polyclonal antibody,at 1:200 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 27 kDaObserved band size: 27 kDa



IHC (Immunohiostchemistry)
Immunochemical staining of human VAPB in human brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human VAPB in human liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-VAPB antibody	Vesicle-associated membrane protein-associated protein B/C, also known as VAMP-B/VAMP-C, VAMP-associated protein B/C, VAP-B/VAP-C and VAPB, is a single-pass type IV membrane protein that belongs to the VAMP-associated protein (VAP) family. VAPB contains one MSP domain. VAPB may play a role in vesicle trafficking. VAPB forms a heterodimer with VAPA. VAPB interacts with VAMP1 and VAMP2. Defects in VAPB are the cause of amyotrophic lateral sclerosis type 8 (ALS8) which is a familial form of amyotrophic lateral sclerosis, a neurodegenerative disorder affecting upper and lower motor neurons and resulting in fatal paralysis. Defects in VAPB are also a cause of spinal muscular atrophy autosomal dominant Finkel type (SMAF) which is characterized by proximal muscle weakness that begins in the lower limbs and then progresses to upper limbs.
References	Nishimura Y., et al., 1999, Biochem. Biophys. Res. Commun. 254:21-26. Gevaert K., et al., 2003, Nat. Biotechnol. 21:566-569. Hamamoto I., et al., 2005, J. Virol. 79:13473-13482. Choudhary C. et al., 2009, Science 325:834-840.

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	11,152 Da
NCBI Official Full Name	vesicle-associated membrane protein-associated protein B/C isoform 2
NCBI Official Synonym Full Names	VAMP (vesicle-associated membrane protein)-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; VAMP-associated 33 kDa protein
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
UniProt Entry Name	VAPB_HUMAN

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://stage.aaabiotech.com/polyclonal/vapb-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255146