

Rabbit anti-Human VAMP8 Polyclonal Antibody | anti-VAMP8 antibody

Anti-VAMP8 Antibody, Rabbit Polyclonal

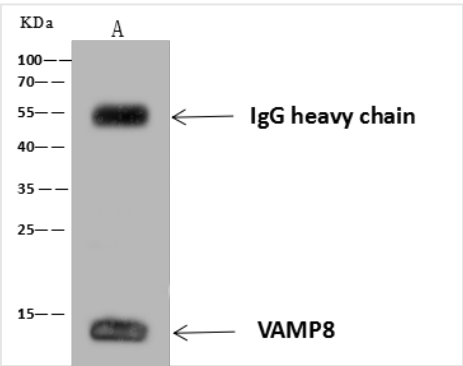
CATALOG # AAA258544	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

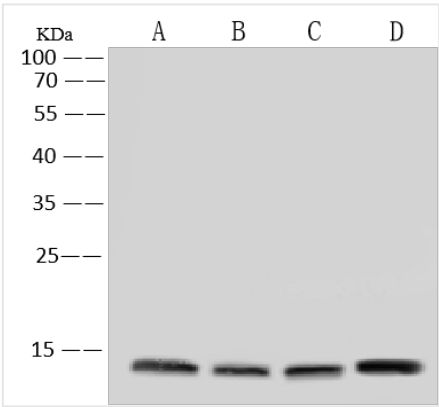
VAMP8; Polyclonal Antibody; Anti-VAMP8 Antibody; Rabbit Polyclonal; VAMP8 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-EDB Antibody; Anti-VAMP-8 Antibody; vesicle-associated membrane protein 8; anti-VAMP8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VAMP8
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-VAMP8 antibody	IP (Immunoprecipitation), WB (Western Blot)
Conjugation	Unconjugated
Immunogen	E Coli-derived Human VAMP8 fragment
Preparation	Produced in rabbits immunized with E Coli-derived Human VAMP8 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-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. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
VAMP8 was immunoprecipitated using: Lane A:0.5 mg A431 Whole Cell Lysate 4 uL anti-VAMP8 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- VAMP8 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 11kDa Observed band size :11 kDa



WB (Western Blot)
Anti-VAMP8 rabbit polyclonal antibody at 1:500 dilution Lane A: A431 Whole Cell Lysate Lane B: HEK293 Whole Cell Lysate Lane C: Hela Whole Cell Lysate Lane D: THP-1 Whole Cell Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:11 kDa Observed band size:13 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-VAMP8 antibody	VAMP8 (also known as endobrevin), a member of the soluble N-ethylmaleimide-sensitive fusion protein attachment protein receptor (SNARE) family of fusion proteins, initially characterized in endosomal and endosomal-lysosomal fusion, may also function in regulated exocytosis. VAMP8 gene plays an important role in biological functions like endosomal fusion, sequential granule-to-granule fusion, and autophagy. The VAMP8 vesicle-associated-SNARE is required for the proper trafficking of secretory lysosomal granules for exocytosis in macrophages and the release of the potent pro-inflammatory cytokine, TNF-alpha. The VAMP8 acts as a novel oncogene by promoting cell proliferation and therapeutic resistance in glioma. VAMP8 is significantly upregulated in human breast cancer (BC) tissues and can thus be a practical and potentially effective surrogate marker for survival in BC patients.
References	Zhou P, et al. (2015) No association of vamp8 gene polymorphisms with glioma in a chinese han population. Int J Clin Exp Pathol 8 (5): 5681-5687.Yuan M, et al. (2018) Significance of vesicle-associated membrane protein 8 expression in predicting survival in breast cancer. J Breast Cancer 21 (4): 399-405.Pushparaj PN, et al. (2013) Retraction: Vamp8 is essential in anaphylatoxin-induced degranulation, tnfr-alpha secretion, peritonitis, and systemic inflammation. J Immunol 190 (6): 3007.Kanwar N, et al. (2008) Thymic alterations in mice deficient for the snare protein vamp8/endobrevin. Cell Tissue Res 334 (2): 227-242.

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.