

Rabbit anti-Human VAMP2 Polyclonal Antibody | anti-VAMP2 antibody

Anti-VAMP2 Antibody, Rabbit Polyclonal

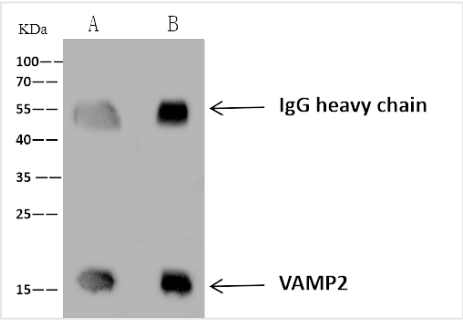
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257513	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

VAMP2; Polyclonal Antibody; Anti-VAMP2 Antibody; Rabbit Polyclonal; VAMP2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-SYB2 Antibody; Anti-VAMP-2 Antibody; vesicle-associated membrane protein 2 (synaptobrevin 2); anti-VAMP2 antibody

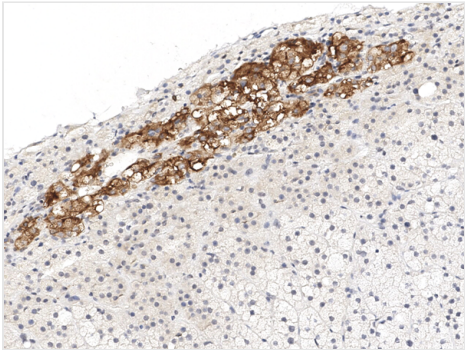
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VAMP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-VAMP2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human VAMP2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human VAMP2, and purified by antigen 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. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



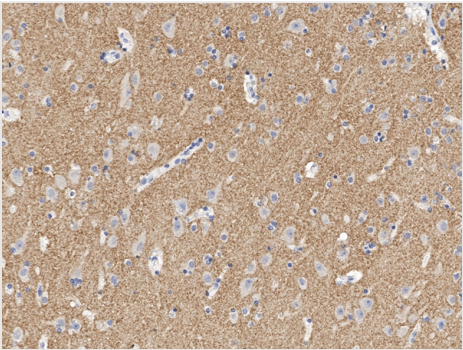
IP (Immunoprecipitation)

VAMP2 was immunoprecipitated using: Lane A: 0.5 mg Rat brain Whole Cell Lysate Lane B: 0.5 mg Mouse brain Whole Cell Lysate 4 uL anti- VAMP2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- VAMP2 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: 12 kDa Observed band size :19 kDa



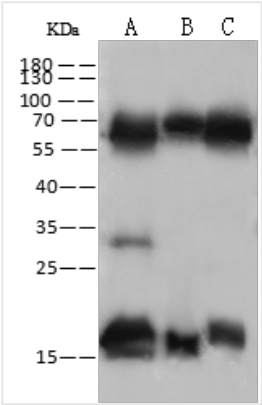
IHC (Immunohistochemistry)

Immunohistochemical staining of human VAMP2 in human adrenal gland with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunohistochemical staining of human VAMP2 in human brain with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-VAMP2 rabbit polyclonal antibody at 1:500 dilution Lane A: Rat brain tissue lysate Lane B: Rat heart tissue lysate Lane C: Mouse brain tissue lysate 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: 12 kDa Observed band size: 19 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-VAMP2 antibody

Background: Vesicle-associated membrane protein 2 (VAMP2), a member of soluble N-ethylmaleimide sensitive factor attachment protein receptor (SNAREs) is required for membrane fusion. The transmembrane domains (TMDs) of VAMP2 plays a critical role in membrane fusion and that the structural mobility provided by the central small amino acids is crucial for exocytosis by influencing the molecular re-arrangements of the lipid membrane that are necessary for fusion pore opening and expansion. Moreover, VAMP2 is the main vesicle associated membrane protein (VAMP) isoform functionally involved in antibody secretion.

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.