

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

Anti-VAPA Antibody, Rabbit Polyclonal

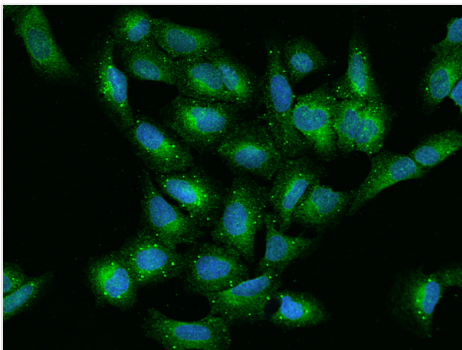
CATALOG # AAA256571	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

VAPA; Polyclonal Antibody; Anti-VAPA Antibody; Rabbit Polyclonal; VAPA Antibody; Rabbit PAb; Antigen Affinity Purified; VAMP (vesicle-associated membrane protein)-associated protein A; 33kDa; Anti-hVAP-33 Antibody; Anti-VAP-33 Antibody; Anti-VAP-A Antibody; Anti-VAP33 Antibody; anti-VAPA antibody

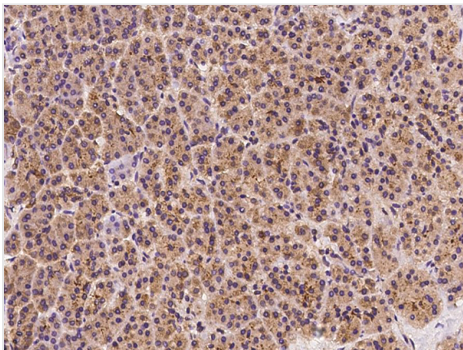
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VAPA
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-VAPA antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human VAPA fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human VAPA fragment, 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. Avoid repeated freeze-thaw cycles.



IF (Immunofluorescence)

Immunofluorescence staining of VAPA in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human VAPA polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human VAPA in human pancreas with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-VAPA antibody	VAPA (VAMP Associated Protein A) is a Protein Coding gene. The VAPA gene, located on 18p11.22, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. The protein encoded by this gene is a type IV membrane protein. It is present in the plasma membrane and intracellular vesicles. It may also be associated with the cytoskeleton. VAPA is an integral membrane protein that plays an important role in membrane trafficking, endoplasmic reticulum homeostasis, and the stress-signaling system. VAPA is widely expressed in the adrenal, brain, and other tissues. Diseases associated with VAPA include Foodborne Botulism and Wound Botulism.
References	Sengupta S, et al. (2010) Interaction between the motor protein prestin and the transporter protein vapa. Biochim Biophys Acta 1803 (7): 796-804.Li XN, et al. (2019) Circular rna circvapa is up-regulated and exerts oncogenic properties by sponging mir-101 in colorectal cancer. Biomed Pharmacother 112 108611.Dong R, et al. (2016) Endosome-er contacts control actin nucleation and retromer function through vap-dependent regulation of pi4p. Cell 166 (2): 408-423.

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.