

VAMP4 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5523

Specification

VAMP4 Antibody (Center) - Product Information

Application	IHC-P, WB,E
Primary Accession	075379
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=16;M=16 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

VAMP4 Antibody (Center) - Additional Information

Gene ID 8674

Antigen Region
31-65

Other Names
Vesicle-associated membrane protein 4, VAMP-4, VAMP4

Dilution
IHC-P~~1:10~50
WB~~1:1000

Target/Specificity
This VAMP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-65 amino acids from the Central region of human VAMP4.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
VAMP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

VAMP4 Antibody (Center) - Protein Information

Name VAMP4

Function
Involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. May be a marker for this

sorting pathway that is critical for remodeling the secretory response of granule.

Cellular Location

Golgi apparatus, trans-Golgi network membrane; Single-pass type IV membrane protein

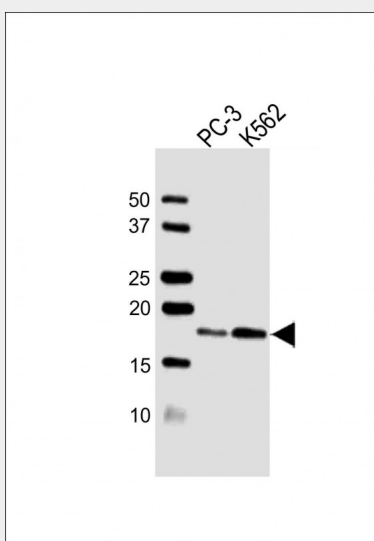
Note=Associated with trans Golgi network (TGN) and newly formed immature secretory granules (ISG). Not found on the mature secretory organelles

VAMP4 Antibody (Center) - Protocols

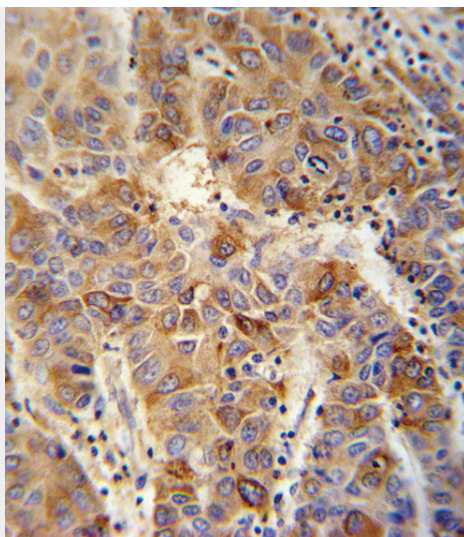
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VAMP4 Antibody (Center) - Images



All lanes : Anti-VAMP4 Antibody (Center) at 1:1000 dilution Lane 1: PC-3 whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



VAMP4 antibody (Center) (Cat. #AW5523) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the VAMP4 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.