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Anti-VAMP1/2/3 Antibody

Catalog # AP53901

Product Information

Application	WB, IHC
Primary Accession	P23763
Other Accession	P63027, Q15836
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12902

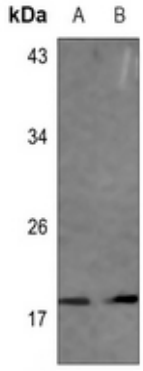
Additional Information

Gene ID	6843
Other Names	VAMP1; SYB1; Vesicle-associated membrane protein 1; VAMP-1; Synaptobrevin-1; VAMP2; SYB2; Vesicle-associated membrane protein 2; VAMP-2; Synaptobrevin-2; VAMP3; SYB3; Vesicle-associated membrane protein 3; VAMP-3; Cellubrevin; CEB; Synaptobrevin-3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human VAMP1/2/3. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

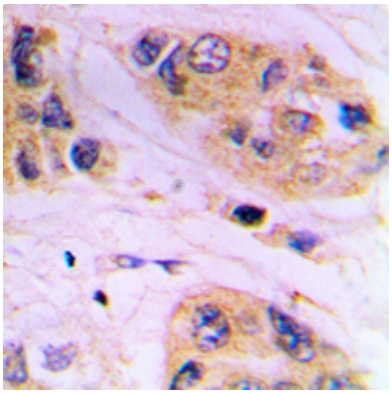
Protein Information

Name	VAMP1
Synonyms	SYB1
Function	Involved in the targeting and/or fusion of transport vesicles to their target membrane.
Cellular Location	[Isoform 1]: Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass type IV membrane protein. Synapse, synaptosome [Isoform 3]: Mitochondrion outer membrane; Single-pass type IV membrane protein
Tissue Location	Nervous system, skeletal muscle and adipose tissue.

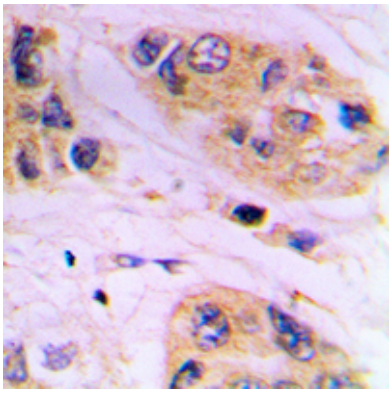
Images



Western blot analysis of VAMP1/2/3 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 12; 11 kD; Observed band size: 18 kD)



Immunohistochemical analysis of VAMP1/2/3 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of VAMP1/2/3 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.