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Product Data Sheet

Anti-VAMP2 Antibody

Catalog #	Source	Reactivity	Applications
CQA2709	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to VAMP2
Immunogen	Recombinant full length protein of human VAMP2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of VAMP2 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	VAMP2
Alternative Names	SYB2; Vesicle-associated membrane protein 2; VAMP-2; Synaptobrevin-2
Entrez Gene	6844 (Human); 22318 (Mouse); 24803 (Rat)
SwissProt	P63027 (Human); P63044 (Mouse); P63045 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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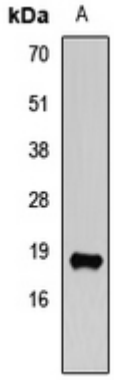
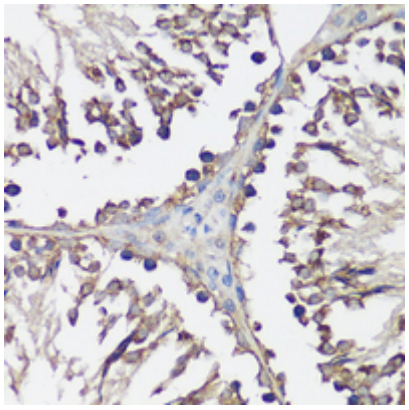


Western blot analysis of VAMP2 expression in Brain (A) whole cell lysates. (Predicted band size: 12 kD; Observed band size: 18 kD)



Immunohistochemical analysis of VAMP2 staining in rat testis 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.

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