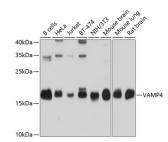


Vesicle-Associated Membrane Protein 4 (VAMP4) Antibody

Catalogue No.:abx003142



Western blot analysis of various lysates using VAMP4 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.

VAMP4 Antibody is a Rabbit Polyclonal antibody against VAMP4. Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport.

Target: Vesicle-Associated Membrane Protein 4 (VAMP4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the

end user.

Conjugation: Unconjugated

Immunogen: Recombinant protein corresponding to VAMP4. The exact sequence is proprietary.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O75379 (UniProt, ExPASy)

Gene Symbol: VAMP4

Datasheet

Version: 5.0.0 Revision date: 27 Aug 2025



GeneID: <u>8674</u>

NCBI Accession: NP_003753.2

KEGG: hsa:8674

String: <u>9606.ENSP00000236192</u>

Molecular Weight: Calculated MW: 16 kDa

Observed MW: 16 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.

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