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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06797 - Goat Anti-SYBL1 / VAMP7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SYBL1, synaptobrevin-like 1, HGNC:11486, TI-VAMP, VAMP-7, VAMP7, tetanus insensitive VAMP (Ti-VAMP), vesicle-associated membrane protein 7, TIVAMP

Official Symbol: VAMP7

Accession Number(s): NP_005629.1; NP_001138621.1; NP_001172112.1

Human GeneID(s): [6845](#)

Important Comments: This antibody is expected to recognise all three reported isoforms (NP_005629.1; NP_001138621.1; NP_001172112.1).

Immunogen

Peptide with sequence C-LKHHSENKGLDKV, from the internal region of the protein sequence according to NP_005629.1; NP_001138621.1; NP_001172112.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 48kDa band in Human Lung and Thymus lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 24.9kDa according to NP_005629.1. The 48kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow