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

EB11604 - Goat Anti-Synaptotagmin-3 (aa25-38) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DKFZp761O132, synaptotagmin III, synaptotagmin-3, SYT3, SytIII

Official Symbol: SYT3

Accession Number(s): NP_115674.1

Human GeneID(s): [84258](#)

Non-Human GeneID(s): 20981 (mouse), 25731 (rat)

Important Comments: Reported variants represent identical protein: NP_001153801.1, NP_001153800.1, NP_115674.1. The immunizing peptide represents part of the vesicular domain.

Immunogen

Peptide with sequence RDADTNDRCQEFN, from the internal region (near N Terminus) of the protein sequence according to NP_115674.1.

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 1:128000.

Western blot: Preliminary experiments in Human, Mouse and Rat Brain lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

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