

SYT5 rabbit pAb

Cat No.: ES10336

For research use only

Overview

Product Name SYT5 rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Rat; Mouse

Recommended dilutions WB 1:500-2000 ELISA 1:5000-20000

Immunogen Synthesized peptide derived from part region of

human protein

Specificity SYT5 Polyclonal Antibody detects endogenous levels

of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Synaptotagmin-5 (Synaptotagmin V) (SytV)

Gene Name SYT5

Cellular localization Cytoplasmic vesicle, secretory vesicle, synaptic

vesicle membrane; Single-pass membrane protein.

Recycling endosome membrane; Single-pass membrane protein. In mast cells, localizes to the

endocytic recycling compartment. .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 42kD
Human Gene ID 6861
Human Swiss-Prot Number 000445

Alternative Names

Background Synaptotagmins, such as SYT5, are a family of type III

membrane proteins characterized by cytoplasmic repeats related to protein kinase C (see MIM

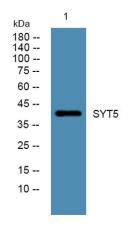
176960) regulatory (C2) domains, which are thought to bind calcium. Synaptotagmins may act both as



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negative regulators of vesicle fusion, allowing fusion in the presence of calcium, and as calcium receptors or sensor molecules (summary by Hudson and Birnbaum, 1995 [PubMed 7597049]).[supplied by OMIM, Feb 2011],

Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night



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