



# Synaptotagmin XIII rabbit pAb

Cat No.:ES3535

For research use only

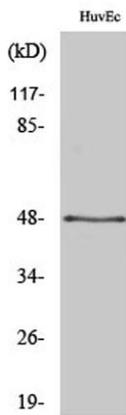
## Overview

<b>Product Name</b>	Synaptotagmin XIII rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SYT13. AA range:321-370
<b>Specificity</b>	Synaptotagmin XIII Polyclonal Antibody detects endogenous levels of Synaptotagmin XIII protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Synaptotagmin-13
<b>Gene Name</b>	SYT13
<b>Cellular localization</b>	Membrane ; Single-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	48kD
<b>Human Gene ID</b>	57586
<b>Human Swiss-Prot Number</b>	Q7L8C5
<b>Alternative Names</b>	SYT13; KIAA1427; Synaptotagmin-13; Synaptotagmin XIII; SytXIII
<b>Background</b>	synaptotagmin 13(SYT13) Homo sapiens This gene encodes a member of the large synaptotagmin protein family. Family members have an extracellular N-terminal transmembrane domain and a cytoplasmic C terminus with two tandem C2 domains (C2A and C2B). Synaptotogmin family

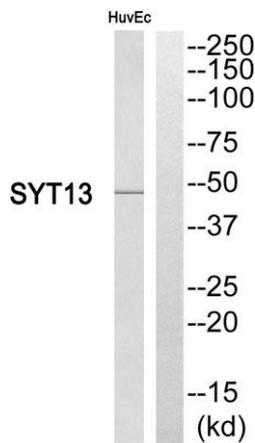




members can form homo- and heteromeric complexes with each other. They also have different biochemical properties and developmental profiles, and patterns of tissue distribution. Synaptotagmins function as membrane traffickers in multicellular organisms. Two alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Oct 2011],



Western Blot analysis of various cells using Synaptotagmin XIII Polyclonal Antibody



Western blot analysis of SYT13 Antibody. The lane on the right is blocked with the SYT13 peptide.

