

Datasheet for ABIN2790867

anti-SYT14 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SYT14
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYT14 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human SYT14
Sequence:	HCSNSPRCSY NKCPSEGSTG HEIESFHNKG YEEDVPSDST AVLSPEDMSA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SYT14. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SYT14
Alternative Name:	SYT14 (SYT14 Products)

Target Details

Background:	<p>This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate membrane trafficking in synaptic transmission. The encoded protein is a calcium-independent synaptotagmin. Mutations in this gene are a cause of autosomal recessive spinocerebellar ataxia-11 (SCAR11), and a t(1,3) translocation of this gene has been associated with neurodevelopmental abnormalities. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 4.</p> <p>Alias Symbols: SCAR11, sytXIV</p> <p>Protein Interaction Partner: SYT16, SYT14,</p> <p>Protein Size: 555</p>
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Molecular Weight:	62 kDa
Gene ID:	255928
NCBI Accession:	NM_153262 , NP_694994
UniProt:	Q8NB59

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 555 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: SYT14 Sample Type: Fetal Brain lysates Antibody Dilution: 1.0ug/ml