


Product datasheet

Anti-SYN2 antibody ab13258

★★★★★ [1 Abreviews](#) [11 References](#)

Overview

Product name	Anti-SYN2 antibody
Description	Rabbit polyclonal to SYN2
Host species	Rabbit
Tested applications	Suitable for: IP, ICC/IF, WB
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Human 
Immunogen	Synthetic peptide corresponding to Rat SYN2 aa 52-65 conjugated to keyhole limpet haemocyanin. Sequence: ASPGPERRPPPAQA Run BLAST with Run BLAST with

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab13258 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration. PubMed: 19714568
WB	★★★★★ (1)	Use at an assay dependent concentration.

Target

Function	Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. May play a role in noradrenaline secretion by sympathetic neurons.
Tissue specificity	Central and peripheral nervous systems.
Sequence similarities	Belongs to the synapsin family.
Domain	The A region binds phospholipids with a preference for negatively charged species.
Post-translational modifications	Phosphorylation at Ser-10 dissociates synapsins from synaptic vesicles. Phosphorylation at Ser-425 by MAPK1/ERK2 and/or MAPK3/ERK1 may play a role in noradrenaline secretion by sympathetic neurons.
Cellular localization	Cell junction, synapse.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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- We investigate all quality concerns to ensure our products perform to the highest standards

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