




Anti-BASP1 antibody ab214322

★ ★ ★ ★ ★ [1 Abreviews](#) [1 References](#) [2 Images](#)

Overview

Product name	Anti-BASP1 antibody
Description	Rabbit polyclonal to BASP1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Human 
Immunogen	Synthetic peptide within Human BASP1 aa 1-100 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: P80723  Run BLAST with  Run BLAST with
Positive control	Rat brain tissue; Mouse brain lysate.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab214322 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
WB		1/100 - 1/1000. Predicted molecular weight: 23 kDa.
IHC-P	★ ★ ★ ★ ★ (1)	1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

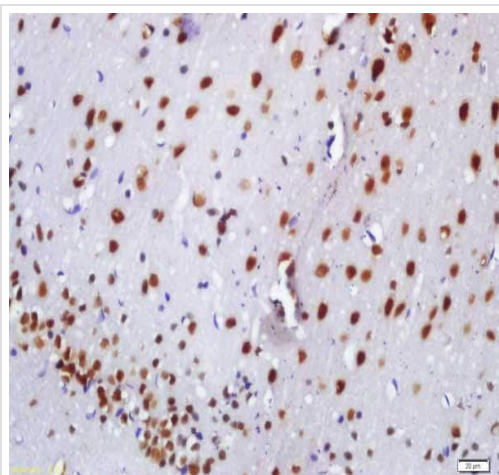
Relevance

BASP1 is a brain abundant membrane bound protein with several transient phosphorylation sites and PEST motifs. BASP1 binds calmodulin, is phosphorylated by protein kinase C and undergoes N-terminal myristoylation. BASP1 is expressed specifically in nervous tissue. Intercellular signaling and nerve outgrowth are influenced by a number of proteins expressed at nerve endings and synapses of which BASP1 is one.

Cellular localization

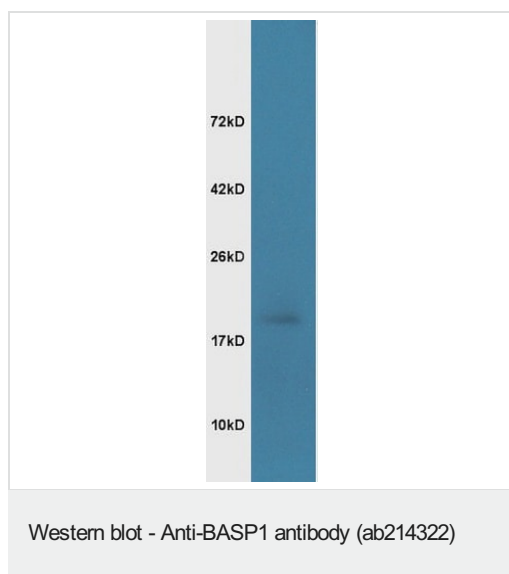
Cell membrane; Lipid-anchor. Cell projection; growth cone. Note: Associated with the membranes of growth cones that form the tips of elongating axons.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded rat brain tissue labeling with BASP1 with ab214322 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BASP1 antibody (ab214322)



Anti-BASP1 antibody (ab214322) at 1/200 dilution + Mouse brain lysate

Secondary

Goat Anti-Rabbit IgG Antibody (H+L), HRP Conjugated at 1/3000 dilution

Predicted band size: 23 kDa

15% gel

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

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