

Rabbit BASP1 Polyclonal Antibody | anti-BASP1 antibody

BASP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329110	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

BASP1; Polyclonal Antibody; BASP1 Antibody; 22 kDa neuronal tissue enriched acidic protein; BASP 1; BASP1 protein; Brain abundant membrane attached signal protein 1; Brain Abundant Signal Protein Membrane Attached 1; Brain Acid Soluble Protein 1; CAP 23; CAP23; MGC8555; NAP 22; NAP22; Neuronal axonal membrane protein NAP 22; Neuronal tissue enriched acidic protein; anti-BASP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BASP1 Antibody detects endogenous levels of total BASP1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Sequence Length	227
Applicable Applications for anti-BASP1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	A synthesized peptide derived from human BASP1, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329110 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329110 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA329110 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA329110 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 3T3, using BASP1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BASP1 antibody

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

Tissue Specificity: Brain.

Similarity: Belongs to the BASP1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	409971425
NCBI GeneID	10409
NCBI Accession #	NP_001258535.1
NCBI GenBank Nucleotide #	NP_001258535.1
UniProt Accession #	P80723
Molecular Weight	22kDa
NCBI Official Full Name	brain acid soluble protein 1
NCBI Official Synonym Full Names	brain abundant membrane attached signal protein 1
NCBI Official Symbol	BASP1
NCBI Official Synonym Symbols	CAP23; NAP22; CAP-23; NAP-22
NCBI Protein Information	brain acid soluble protein 1
UniProt Protein Name	Brain acid soluble protein 1
UniProt Gene Name	BASP1
UniProt Synonym Gene Names	NAP22
UniProt Entry Name	BASP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/basp1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/329110>