

Mouse BAIAP2 Monoclonal Antibody | anti-BAIAP2 antibody

BAIAP2 antibody

CATALOG # AAA106291	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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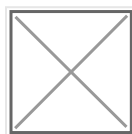
PRODUCT SYNONYMS

BAIAP2; Monoclonal Antibody; BAIAP2 antibody; Monoclonal BAIAP2; Anti-BAIAP2; BAI1 associated protein 2; BAP2; Fas ligand-associated factor 3; Insulin receptor substrate p53; FLAF3; Protein BAP2; BAI-associated protein 2; IRSp53; BAIAP 2; BAIAP-2; anti-BAIAP2 antibody

PRODUCT SPECIFICATIONS

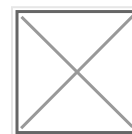
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D9
Purity/Purification	BAIAP2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	520
Applicable Applications for anti-BAIAP2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BAIAP2 has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This adaptor protein links membrane bound G-proteins to cytoplasmic effector proteins. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. This protein is involved in lamellipodia and filopodia formation in motile cells and may affect neuronal growth-cone guidance. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease.
Cross-Reactivity	Human
Immunogen	BAIAP2 antibody was raised in mouse using a full length recombinant protein of human BAIAP2 (NP_006331) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant BAIAP2 protein using BAIAP2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BAIAP2 protein (Right) or empty vector (Left) detected with BAIAP2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BAIAP2 antibody	Mouse monoclonal BAIAP2 antibody
Product Categories/Family for anti-BAIAP2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453565
NCBI GeneID	10458
NCBI Accession #	NP_006331
NCBI GenBank Nucleotide #	NM_006340.2
UniProt Accession #	Q9UQB8 ; O43858 ; Q53HB1 ; Q86WC1 ; Q8N5C0 ; Q96CR7 ; Q9UBR3 ; Q9UQ43
Molecular Weight	57,430 Da
NCBI Official Full Name	brain-specific angiogenesis inhibitor 1-associated protein 2 isoform 3
NCBI Official Synonym Full Names	BAI1-associated protein 2
NCBI Official Symbol	BAIAP2
NCBI Official Synonym Symbols	BAP2; FLAF3; IRSP53
NCBI Protein Information	brain-specific angiogenesis inhibitor 1-associated protein 2
UniProt Protein Name	Brain-specific angiogenesis inhibitor 1-associated protein 2
UniProt Gene Name	BAIAP2
UniProt Synonym Gene Names	BAI-associated protein 2; BAI1-associated protein 2; Protein BAP2; FLAF3; IRS-58; IRSp53/58; IRSp53; Insulin receptor substrate p53
UniProt Entry Name	BAIP2_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/monoclonal/baiap2-antibody-clone-1d9-western-blot-immunofluorescence-flow-cytometry-elisa/106291>