

Rabbit anti-Human, Rat BAIAP2 Polyclonal Antibody | anti-BAIAP2 antibody

BAIAP2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279716	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

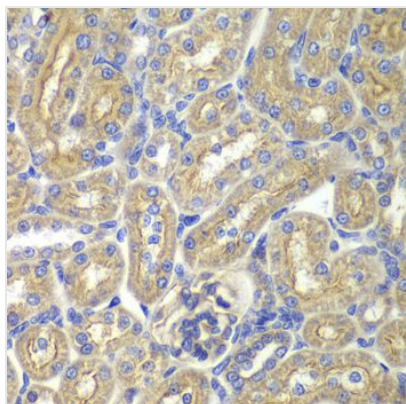
PRODUCT SYNONYMS

BAIAP2; Polyclonal Antibody; BAIAP2 Polyclonal Antibody; BAP2; FLAF3; IRSP53; anti-BAIAP2 antibody

PRODUCT SPECIFICATIONS

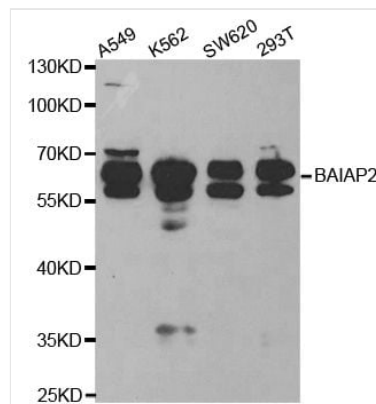
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	552
Applicable Applications for anti-BAIAP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human BAIAP2
Calculated Molecular Weight	61kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using BAIAP2 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BAIAP2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-BAIAP2 antibody	The protein encoded by this gene 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. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-BAIAP2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	73917636
NCBI GeneID	10458
UniProt Accession #	Q9UQB8; O43858; Q53HB1; Q86WC1; Q8N5C0; Q96CR7; Q9UBR3; Q9UQ43
Molecular Weight	552
NCBI Official Full Name	Brain-specific angiogenesis inhibitor 1-associated protein 2
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; IRS-58; IRSp53/58; fas ligand-associated factor 3; insulin receptor substrate p53/p58; insulin receptor substrate protein of 53 kDa
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/polyclonal/baiap2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279716>