

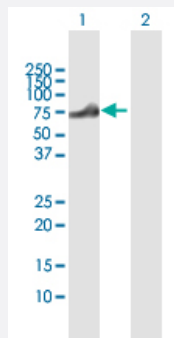
MaxPab®

BAIAP2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010458-D01

Size 100 uL

Applications

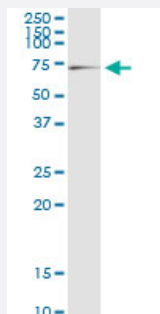


Western Blot (Transfected lysate)

Western Blot analysis of BAIAP2 expression in transfected 293T cell line ([H00010458-T02](#)) by BAIAP2 MaxPab polyclonal antibody.

Lane 1: BAIAP2 transfected lysate (60.9 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of BAIAP2 transfected lysate using anti-BAIAP2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with BAIAP2 purified MaxPab mouse polyclonal antibody (B01P) ([H00010458-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human BAIAP2 protein.

Immunogen

BAIAP2 (NP_059345.1, 1 a.a. ~ 552 a.a) full-length human protein.

Sequence	MSLSRSEEMHRLTENVYKTIMEQFNPSLRNFIAMGKNYEKALAGVTYAAKGYFDALVKMGELASE SQGSKELGDVLFQMAEVHRQIQNQLEEMLKSFHNELLTQLEQKVELDSRYLSAALKKYQTEQRS KGDALDKCQAEKKLRKKSQGSKNPQKYSDKELQYIDAIKQGELENYVSDGYKTALTEERRRF CFLVEKQCAVAKNSAAYHSKGKELLAQKLPLWQQACADPSKIPERAVQLMQQVASNGATLPSA LSASKSNLVISDPIPGAKPLPVPELAPFVGRMSAQESTPIMNGVTGPDGEDYSPWADRKAQAP KSLSPQSQSKLSDSYSNTLPVRKSVTPKNSYATTENKTLPRSSSMAAGLERNGRMRVKAIFSHA AGDNSTLLSFKEGDLITLLVPEARDGWHYGESEKTKMRGWFPFSYTRVLDSDGSDRLHMSLQQG KSSSTGNLLDKDDLAIPPPDYGAASRAFPQAQTASGFKQRPYSVAVPAFSQGLDDYGARSMSRNP FAHVQLKPTVTNDRCDLSAQGPEGREHGDGSARTLAGR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — BAIAP2

Entrez GeneID [10458](#)

GeneBank Accession# [NM_017451.1](#)

Protein Accession#	NP_059345.1
Gene Name	BAIAP2
Gene Alias	BAP2, IRSP53
Gene Description	BAI1-associated protein 2
Omim ID	605475
Gene Ontology	Hyperlink
Gene Summary	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-pallidoluyisan atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. Alternative splicing results in multiple transcript variants encoding distinct isoforms
Other Designations	insulin receptor substrate p53

Pathway

- [Adherens junction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)