

## ARG63536 anti-BAIAP2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes BAIAP2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise only human isoform 1 according to NP_059344.1.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BAIAP2
Species	Human
Immunogen	C-SGSGTLVSTV
Conjugation	Un-conjugated
Alternate Names	IRS-58; Fas ligand-associated factor 3; Brain-specific angiogenesis inhibitor 1-associated protein 2; Insulin receptor substrate p53; IRSp53; BAI-associated protein 2; IRSP53; FLAF3; IRSp53/58; BAI1-associated protein 2; Insulin receptor substrate protein of 53 kDa; BAP2; Protein BAP2; Insulin receptor substrate p53/p58

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

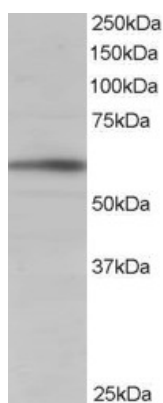
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

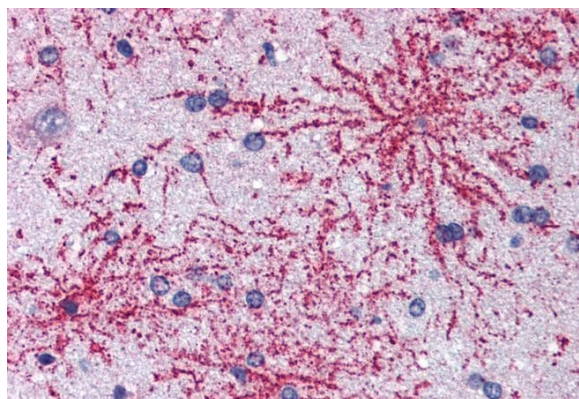
Database links	<a href="#">GeneID: 10458 Human</a> <a href="#">Swiss-port # Q9UQB8 Human</a>
Background	The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This adaptor protein links membrane bound G-proteins to cytoplasmic effector 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.[provided by RefSeq, Jan 2009]
Research Area	Neuroscience antibody
Calculated Mw	61 kDa
PTM	Phosphorylated on tyrosine residues by INSR in response to insulin treatment.

## Images



ARG63536 anti-BAIAP2 antibody WB image

Western Blot: Human Brain lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63536 anti-BAIAP2 (isoform 1) antibody at 1 µg/ml dilution.



ARG63536 anti-BAIAP2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63536 anti-BAIAP2 antibody at 5 µg/ml dilution followed by AP-staining.