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### anti-BAIAP2 antibody (AA 362-521)

**Images** 

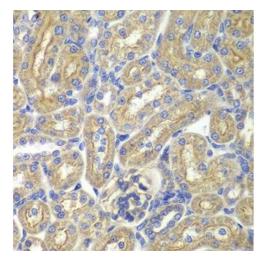


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Quantity:	100 μL	
Target:	BAIAP2	
Binding Specificity:	AA 362-521	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This BAIAP2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 362-521 of	
	human BAIAP2 (NP_059344.1).	
Sequence:	PRSSSMAAGL ERNGRMRVKA IFSHAAGDNS TLLSFKEGDL ITLLVPEARD GWHYGESEKT	
	KMRGWFPFSY TRVLDSDGSD RLHMSLQQGK SSSTGNLLDK DDLAIPPPDY GAASRAFPAQ	
	TASGFKQRPY SVAVPAFSQG LDDYGARSMS SGSGTLVSTV	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
Purification:	Affinity purification	

### **Target Details**

Target:	BAIAP2	
Alternative Name:	BAIAP2 (BAIAP2 Products)	
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.,BAIAP2,BAP2,FLAF3,IRSP53,Neuroscience,Cell Type Marker,Neuror marker,Growth Cone,BAIAP2	
Molecular Weight:	56 kDa/57 kDa/59 kDa/60 kDa	
Gene ID:	10458	
UniProt:	Q9UQB8	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200	
Comment:	HIGH QUALITY	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	



# 130KD - ASA<sup>9</sup> KS6<sup>2</sup> SW6<sup>20</sup> 293<sup>T</sup> 100KD - 70KD - BAIAP2 40KD - 35KD - 25KD -

### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded rat kidney using BAIAP2 antibody.

### **Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines, using BAIAP2 antibody.