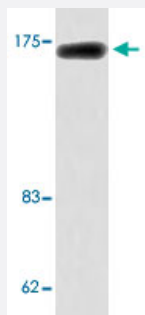


# BAI1 polyclonal antibody

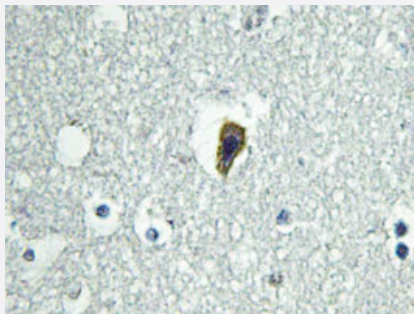
Catalog # PAB26954      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with BAI1 polyclonal antibody (Cat # PAB26954).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using BAI1 polyclonal antibody (Cat # PAB26954).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of BAI1.
<b>Immunogen</b>	A synthetic peptide corresponding to human BAI1.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	174
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	BAI1 polyclonal antibody detects endogenous levels of BAI1 protein.
<b>Form</b>	Liquid

<b>Purification</b>	Affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with BAI1 polyclonal antibody (Cat # PAB26954).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using BAI1 polyclonal antibody (Cat # PAB26954).

- Immunofluorescence

## Gene Info — BAI1

<b>Entrez GeneID</b>	<a href="#">575</a>
<b>Protein Accession#</b>	<a href="#">Q14514</a>
<b>Gene Name</b>	BAI1
<b>Gene Alias</b>	FLJ41988
<b>Gene Description</b>	brain-specific angiogenesis inhibitor 1
<b>Omim ID</b>	<a href="#">602682</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

Angiogenesis is controlled by a local balance between stimulators and inhibitors of new vessel growth and is suppressed under normal physiologic conditions. Angiogenesis has been shown to be essential for growth and metastasis of solid tumors. In order to obtain blood supply for their growth, tumor cells are potentially angiogenic and attract new vessels as results of increased secretion of inducers and decreased production of endogenous negative regulators. BAI1 contains at least one 'functional' p53-binding site within an intron, and its expression has been shown to be induced by wildtype p53. There are two other brain-specific angiogenesis inhibitor genes, designated BAI2 and BAI3 which along with BAI1 have similar tissue specificities and structures, however only BAI1 is transcriptionally regulated by p53. BAI1 is postulated to be a member of the secretin receptor family, an inhibitor of angiogenesis and a growth suppressor of glioblastomas [provided by RefSeq]

**Other Designations**

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**Pathway**

- [p53 signaling pathway](#)