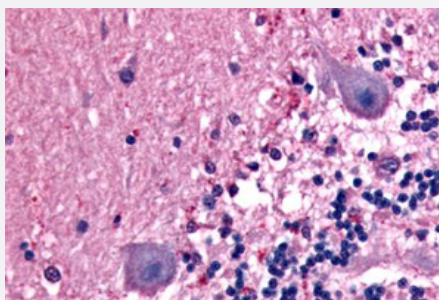


# BAI1 polyclonal antibody

Catalog # PAB25591

Size 50 ug

## Applications



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

Immunohistochemical staining of formalin-fixed, paraffin-embedded human brain, neurons tissue after heat-induced antigen retrieval. Using BAI1 polyclonal antibody (Cat # PAB25591).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of BAI1.
<b>Immunogen</b>	A synthetic peptide corresponding to 16 amino acids at C-terminus of human BAI1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Bovine, Chicken, Hamster, Human, Monkey, Mouse, Rat
<b>Specificity</b>	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>Form</b>	Liquid
<b>Purification</b>	Immunoaffinity chromatography
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (14 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — BAI1

Entrez GeneID	<a href="#">575</a>
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Gene Name	BAI1
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Gene Alias	FLJ41988
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Gene Description	brain-specific angiogenesis inhibitor 1
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Omim ID	<a href="#">602682</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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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]
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Other Designations	-
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## Pathway

- [p53 signaling pathway](#)