

## BAI1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06674
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of BAI1
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Brain-specific angiogenesis inhibitor 1
<b>Synonyms</b>	Brain-specific angiogenesis inhibitor 1; Brain-specific angiogenesis inhibitor 1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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 potently 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,

### Recommended Dilution

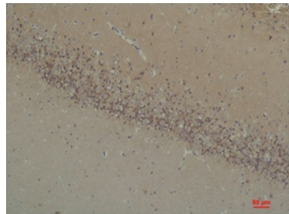
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

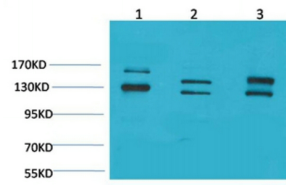
### Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using BAI1 Rabbit pAb diluted at 1:200.



Western blot analysis of 1) 293T, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with BAI1 Rabbit pAb diluted at 1:2,000.



Western Blot analysis of various cells using antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year

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