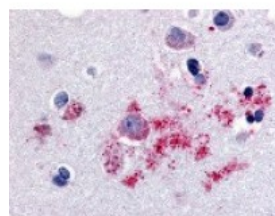




## BAI1 Antibody

CATALOG NUMBER: 48-300



Immunohistochemistry staining of BAI1 in brain tissue using BAI1 Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Bovine, Gibbon, Gorilla, Human, Monkey
<b>TESTED APPLICATIONS:</b>	ELISA, IHC
<b>APPLICATIONS:</b>	BAI1 antibody can be used in immunohistochemistry starting at 10 - 15 ug/mL.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>IMMUNOGEN:</b>	BAI1 antibody was raised against a peptide located in the N-Terminal domain of BAI1 (Human).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Immunoaffinity Chromatography
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS, 0.1% sodium azide.
<b>STORAGE CONDITIONS:</b>	BAI1 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	BAI1, GDAIF
<b>ACCESSION NO.:</b>	O14514
<b>PROTEIN GI NO.:</b>	410516865
<b>OFFICIAL SYMBOL:</b>	BAI1
<b>GENE ID:</b>	575

### Background

<b>BACKGROUND:</b>	BAI1 is an Orphan-B GPCR with an unknown ligand. BAI1 is postulated to be a member of the secretin receptor family, an inhibitor of angiogenesis, and a growth suppressor of glioblastoma. Along with BAI1, there are two
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other brain-specific angiogenesis inhibitor genes, designated BAI2 and BAI3, which have similar tissue specificities and structures. However, only BAI1 is transcriptionally regulated by p53. Loss of BAI1 expression has been implicated in glioblastoma.

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**FOR RESEARCH USE ONLY**

December 13, 2016