

AP06996PU-N**Polyclonal Antibody to Brain-Specific Angiogenesis Inhibitor 1 - Aff - Purified**

Alternate names:	BAI-1, Brain-specific angiogenesis inhibitor 1
Quantity:	50 µg
Concentration:	0.7 mg/ml
Background:	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 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.
Uniprot ID:	O14514
NCBI:	NP_001693.2
GeneID:	575
Host:	Rabbit
Immunogen:	BAI1 antibody was raised against synthetic 18 amino acid peptide from N-terminus of human BAI1. Remarks: Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bovine (100%); Mouse, Dog, Hamster, Elephant, Panda (94%); Marmoset (89%); Opossum (83%). BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity chromatography Buffer System: PBS containing 0.09% sodium azide as preservative
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 10 - 15 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Brain-Specific Angiogenesis Inhibitor 1 (BAI1) at N-terminal domain.
Species Reactivity:	Tested: Human, Gorilla, Gibbon, Monkey, Bovine, Mouse, Dog, Hamster, Elephant, Panda, Marmoset, Opossum
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Brain: Formalin-Fixed Paraffin-Embedded (FFPE)

