

Rabbit BAI1 Polyclonal Antibody | anti-BAI1 antibody

BAI1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318993	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

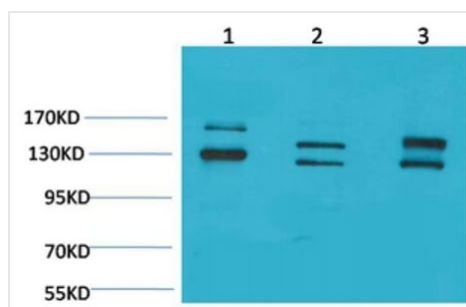
PRODUCT SYNONYMS

BAI1; Polyclonal Antibody; BAI1 Rabbit Polyclonal Antibody; Brain-specific angiogenesis inhibitor 1; YM3488; BH6842; anti-BAI1 antibody

PRODUCT SPECIFICATIONS

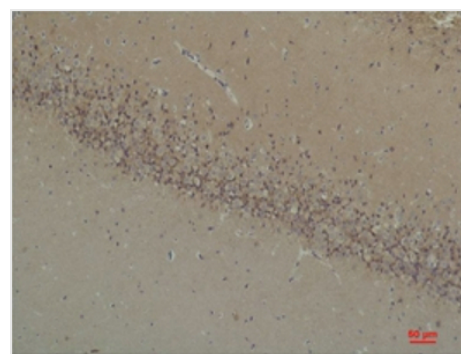
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous BAI1 protein
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-BAI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of BAI1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



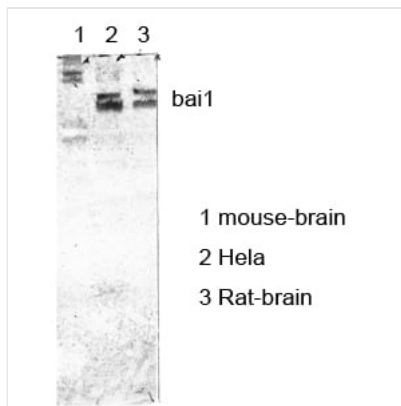
WB (Western Blot)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-BAI1 antibody

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	111118994
NCBI GeneID	575
NCBI Accession #	NP_001693.2
NCBI GenBank Nucleotide #	NM_001702.2
UniProt Accession #	O14514
Molecular Weight	173,501 Da
NCBI Official Full Name	brain-specific angiogenesis inhibitor 1
NCBI Official Synonym Full Names	brain-specific angiogenesis inhibitor 1
NCBI Official Symbol	BAI1
NCBI Official Synonym Symbols	GDAIF
NCBI Protein Information	brain-specific angiogenesis inhibitor 1
UniProt Protein Name	Brain-specific angiogenesis inhibitor 1
UniProt Gene Name	BAI1
UniProt Entry Name	BAI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bai1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318993>