

MaxPab®

BAI1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000575-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human BAI1 protein.
Immunogen	BAI1 (AAI56201.1, 1 a.a. ~ 1584 a.a) full-length human protein.
Sequence	MRGQAAAPGPVWILAPLLLLLLLLLGRRARAAAGADAGPGPEPCATLVQGKFFGYFSAAAVFPAN ASRCSWTLRNPDPARRYLYMKVAKAPVPCSGPGRVPTYQFDSFLESTRTYLGVESFDEVLRLCD PSAPLAFQASKQFLQMRQQPPQHDLRPRAGPPGPTDDFSVEYLVVGNRNPSSRAACQMLC RWLDACLAGSRSSHPCGIMQTPCACLGGEAGGPAAGPLAPRGDVCLRDVAVAGGPENCLTSLTQ DRGGHGATGGWKLWSLWGECTRDCGGGLQTRTRTCLPAPGVEGGGCEGVLEEGRQCNREAC GPAGRTSSRSQSLRSTDARRREELGDELQQFGFPAPQTGDPAEEWSPWSVCSSTCCEGWQ TRTRFCVSSSYSTQCSGPLREQRLCNNSAVCPVHGAWDEWSPWSLCSSTCGRGFRDRTTRCR PPQFGGNPCEGPEKQTKFCNIALCPGRAVDGNWNEWSSWSACSASCSQGRQQTRECNGPS YGAECQGHVWETRDCFLQQCPVDGKWQAWASWGSCSVTCGAGSQRRRERVCSGPFFGGAA CQGPQDEYRQCGTQRCPEPHEICDEDNFGAVWKETPAGEVAAVRCPRNATGLILRRCELDEEGI AYWEPPTYIRCVSIDYRNIQMMTREHLAKAQRGLPGEGVSEVIQTLVEISQDGTSYSGDLLSTIDVLR NMTEIFRRAYYSPTPGDVQNFVQILSNLLAEENRDKWEEAQLAGPNAKELFRLVEDFVDVIGFRM KDLRDAYQVTDNLVLSIHKLPASGATDISFPMKGWRATGDWAKVPEDRVTVSKSVFSTGLTEAD EASVFVGTLYRNLGSFLALQRNTTVLNSKVISVTVKPPPSRLRTPLEIEFAHMYNGTTNQTCLW DETDPSSSAPPQLGPWSWRGCRTVPLDALRTRCLCDRLSTFAILAQLSADANMEKATLPSVTLI VGCGVSSLTLLMLVIIVSVWRYRSESVILINFCLSISSNALILIGQTQTRNKVVCTLVAAFLHFFFL SSFCWVLTEAWQSYMAVTGHLRNRLIRKRFCLGWGLPALVVAISVGFTKAKGYSTMNYCWLSL EGLLYAFVGPAAAVVLVNMVIGILVFNKLVSVDGKITDKKLKERAGASLWSSCVVLPALLTWMS AVLAVTDRRSALFQILFAVFDSELEGFVIMVHCILRREVQDAVKCRVVDQRQEEGNGDSGGSFQN GHAQLMTDFEKDVLACRSVLNKDIAACRTATITGLTKRPSLPPEEKLKLAHAKGPPTNFNSLPAN VSKLHLHGSPRYPGGPLPDFPNHSLTLKRDKAPKSSFVGDDIFKKLDSELSRAQEKALDTSYVI LPTATATLRPKPKEEPKYSIHQMPQTRLIHLSTAPEASLPARSPPSRQPPSGGPPEAPPAQPPP PPPPPPPPQQLPPPPNLEPAPPSLGDPGEPAAHGPSTGPSTKNENVATLSVSSLERRKSR YAEIDFEKIMHTRKRHQDMFQDLNRKLQHAAEKDKEVLGPDSPKPEKQQTTPNKRKPWESLRKAHG TPTWVKKELEPLQPSPLELRSVEWERSGATIPLVGQDIIDLQTEV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — BAI1

Entrez GeneID
[575](#)
GeneBank Accession#
[BC156200.1](#)
Protein Accession#
[AA156201.1](#)
Gene Name

BAI1

Gene Alias

FLJ41988

Gene Description

brain-specific angiogenesis inhibitor 1

Omim ID
[602682](#)
Gene Ontology
[Hyperlink](#)
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]

Other Designations

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Pathway

- [p53 signaling pathway](#)