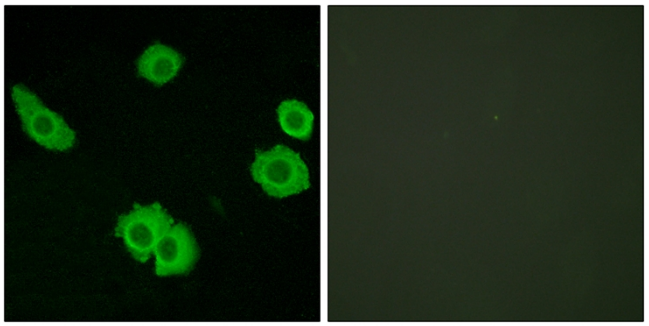
BAI-3 Polyclonal Antibody

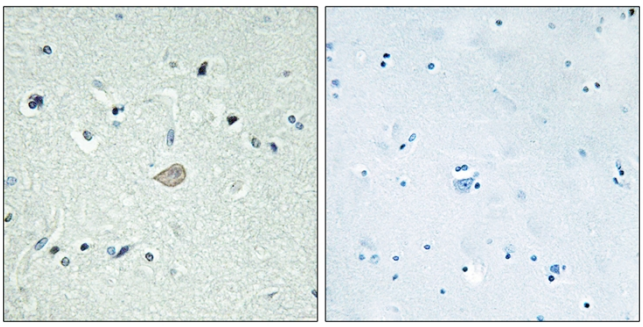
Catalog No	BYab-03738
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	BAI3
Protein Name	Brain-specific angiogenesis inhibitor 3
Immunogen	The antiserum was produced against synthesized peptide derived from human BAI3. AA range:211-260
Specificity	BAI-3 Polyclonal Antibody detects endogenous levels of BAI-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BAI3; KIAA0550; Brain-specific angiogenesis inhibitor 3
Observed Band	
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Strongly expressed in brain. Also detected in heart. Reduced expression in some glioblastoma cell lines.
Function	function:Might be involved in angiogenesis inhibition and suppression of glioblastoma.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 CUB domain.,similarity:Contains 1 GPS domain.,similarity:Contains 4 TSP type-1 domains.,tissue specificity:Strongly expressed in brain. Also detected in heart. Reduced expression is observed in some glioblastoma cell lines.,
Background	This p53-target gene encodes a brain-specific angiogenesis inhibitor, a seven-span transmembrane protein, and is thought to be a member of the secretin receptor family. Brain-specific angiogenesis proteins BAI2 and BAI3 are similar to BAI1 in structure, have similar tissue specificities, and may also play a

	role in angiogenesis. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunofluorescence analysis of HUVEC cells, using BAI3 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using BAI3 Antibody. The picture on the right is blocked with the synthesized peptide.