Product Name: BAI-2 Rabbit Polyclonal Antibody
Catalog #: APRab07452
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	

Antigen Information

Gene Name	BAI2
Alternative Names	BAI2; Brain-specific angiogenesis inhibitor 2
Gene ID	576.0
SwissProt ID	O60241
Immunogen	The antiserum was produced against synthesized peptide derived from human BAI2. AA range:91-140

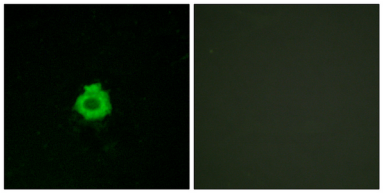
Background

This gene encodes a a seven-span transmembrane protein that is thought to be a member of the secretin receptor family. The

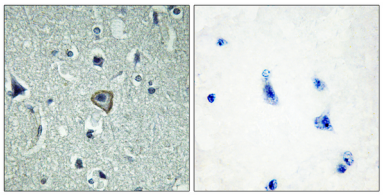
encoded protein is a brain-specific inhibitor of angiogenesis. The mature peptide may be further cleaved into additional products (PMID:20367554). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014],function:Might be involved in angiogenesis inhibition.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 4 TSP type-1 domains.,subunit:Interacts with GABPB2.,tissue specificity:Strongly expressed in brain. Also detected in heart, thymus, skeletal muscle, and different cell lines.,

Research Area

Image Data



Immunofluorescence analysis of HUVEC cells, using BAI2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using BAI2 Antibody. The picture on the right is blocked with the synthesized peptide.