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BAI2 Rabbit pAb

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Catalog # AP58671

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O60241
Reactivity	Human
Predicted	Rat, Pig, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	172656
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BAI2
Epitope Specificity	701-800/1585
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell Membrane
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	BAI1, a p53-target gene, encodes 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.

Additional Information

Gene ID	576
Other Names	Adhesion G protein-coupled receptor B2, Brain-specific angiogenesis inhibitor 2, ADGRB2 (HGNC:944), BAI2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ADGRB2 (HGNC:944)

Synonyms	BAI2
Function	Orphan G protein-coupled receptor involved in cell adhesion and probably in cell-cell interactions. Activates NFAT-signaling pathway, a transcription factor, via the G protein GNAZ (PubMed:20367554, PubMed:28891236). Involved in angiogenesis inhibition (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein. Secreted
Tissue Location	Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Strongly expressed in brain. Also detected in heart, thymus, skeletal muscle, and different cell lines

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.