

Anti-BAI-2 antibody



Description	Rabbit polyclonal to BAI-2.
Model	STJ91811
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human BAI-2
Immunogen Region	70-150 aa, N-terminal
Gene ID	576
Gene Symbol	ADGRB2
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	BAI-2 Polyclonal Antibody detects endogenous levels of BAI-2 protein.
Tissue Specificity	Strongly expressed in brain. Also detected in heart, thymus, skeletal muscle, and different cell lines.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Adhesion G protein-coupled receptor B2 Brain-specific angiogenesis inhibitor 2
Molecular Weight	171.142 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:944OMIM:602683
Alternative Names	Adhesion G protein-coupled receptor B2 Brain-specific angiogenesis inhibitor 2
Function	Orphan receptor involved in cell adhesion and probably in cell-cell interactions. Activates NFAT signaling pathway probably via a G-protein dependent pathway . Might be involved in angiogenesis inhibition .
Cellular Localization	Cell membrane. Multi-pass membrane protein.
Post-translational Modifications	Proteolytically cleaved at 2 conserved sites: one in the GPS domain (S1 site) and the other in the middle of the extracellular domain (S2 site). The proteolytic cleavage at S1 site generates an extracellular subunit and a seven-transmembrane subunit. Furin is involved in the cleavage of the S2 site generating a soluble fragment. Glycosylated.

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