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Goat anti-EPHB6 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4537a

Product Information

Application	IHC, IF, FC, Pep-ELISA
Primary Accession	O15197
Other Accession	NP_004436.2, NP_001267723.2
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Clone Names	EPHB6
Calculated MW	110700

Additional Information

Gene ID	2051
Other Names	EPHB6; EPH receptor B6; HEP; MGC129910; MGC129911; ephrin receptor EphB6
Dilution	IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-EPHB6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EPHB6
Function	Kinase-defective receptor for members of the ephrin-B family. Binds to ephrin-B1 and ephrin-B2. Modulates cell adhesion and migration by exerting both positive and negative effects upon stimulation with ephrin-B2. Inhibits JNK activation, T-cell receptor-induced IL-2 secretion and CD25 expression upon stimulation with ephrin-B2 (PubMed:12517763, PubMed:15955811). Can recruit SH2 domain-containing signaling adapters following phosphorylation by EPHB4 (PubMed:34431498). Cell membrane; Single-pass type I membrane protein

Cellular Location	
Tissue Location	Expressed in brain. Expressed in non invasive breast carcinoma cell lines (at protein level). Strong expression in brain and pancreas, and weak expression in other tissues, such as heart, placenta, lung, liver, skeletal muscle and kidney. Expressed in breast non invasive tumors but not in metastatic lesions. Isoform 3 is expressed in cell lines of glioblastomas, anaplastic astrocytomas, gliosarcomas and astrocytomas. Isoform 3 is not detected in normal tissues.

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