

Goat anti-EPHB6 Antibody

Peptide-affinity purified goat antibody

Catalog # AF4537a

Product Information

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| 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

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| 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

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| 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. |
| Cellular Location | Membrane; Single-pass type I membrane protein. Expressed in brain. Expressed in non invasive breast carcinoma cell lines (at |

Tissue Location

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'.