

Goat anti-EPHB6 Antibody
Peptide-affinity purified goat antibody
Catalog # AF4537a

Specification

Goat anti-EPHB6 Antibody - 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
Calculated MW	110700

Goat anti-EPHB6 Antibody - 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.

Goat anti-EPHB6 Antibody - 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.

Cellular Location

Membrane; Single-pass type I membrane protein.

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.

Goat anti-EPHB6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-EPHB6 Antibody - Images