

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

**Specification**

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**Goat anti-EPHB6 Antibody - Product Information**

Application	IHC, IF, FC, Pep-ELISA
Primary Accession	<a href="#">O15197</a>
Other Accession	<a href="#">NP_004436.2</a> , <a href="#">NP_001267723.2</a>
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**