

**EPHA6 Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM8444b****Specification**

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**EPHA6 Antibody - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">O9UF33</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1,k</b>
Calculated MW	<b>116379</b>

**EPHA6 Antibody - Additional Information****Gene ID** 285220**Other Names**

Ephrin type-A receptor 6, EPH homology kinase 2, EHK-2, EPH-like kinase 12, EK12, EPHA6, EHK2, HEK12

**Target/Specificity**

This EPHA6 antibody is generated from a mouse immunized with a recombinant protein.

**Dilution**

WB~~1□1000

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

EPHA6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**EPHA6 Antibody - Protein Information****Name** EPHA6**Synonyms** EHK2, HEK12**Function** Receptor tyrosine kinase which binds promiscuously GPI- anchored ephrin-A family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward

signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling (By similarity).

#### Cellular Location

Membrane; Single-pass type I membrane protein

#### Tissue Location

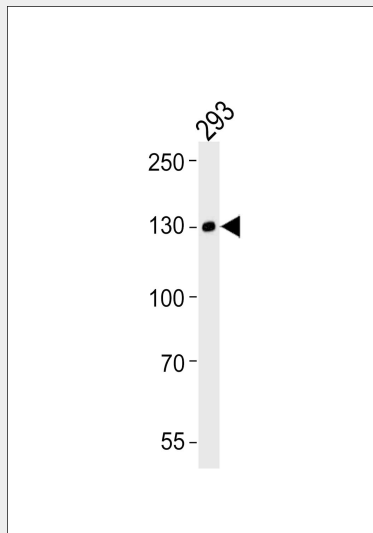
Expressed in brain and testis.

### EPHA6 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](#)

### EPHA6 Antibody - Images



Western blot analysis of lysate from 293 cell line, using EPHA6 Antibody(Cat. #AM8444b). AM8444b was diluted at 1:1000. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 20µg.

### EPHA6 Antibody - Background

Receptor tyrosine kinase which binds promiscuously GPI- anchored ephrin-A family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling (By similarity).

### EPHA6 Antibody - References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Hafner C.,et al.Clin. Chem. 50:490-499(2004).  
Greenman C.,et al.Nature 446:153-158(2007).