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

Specification

EPHA6 Antibody - Product Information

Application	**WB,E**
Primary Accession	Q9UF33
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**116379**

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

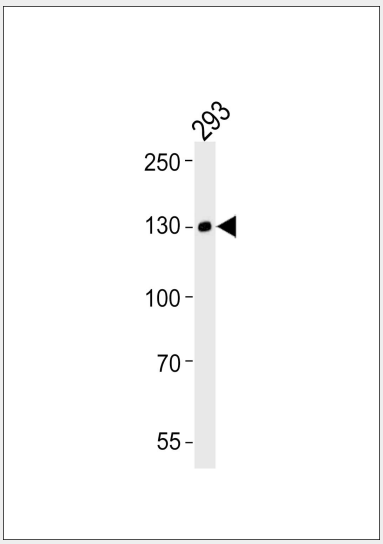
Tissue Location
Expressed in brain and testis.

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 Cytomety
- 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).