

EPHA6 Antibody

Purified Mouse Monoclonal Antibody (Mab) Catalog # AM8444b

Product Information

Application WB, E **Primary Accession** Q9UF33

Reactivity Human, Mouse

HostMouseClonalityMonoclonalIsotypeIgG1,k

Clone Names 1426CT591.205.91.119

Calculated MW 116379

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 E~~Use at an assay dependent concentration.

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.

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.

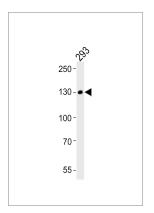
Background

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).

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).

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 $20\mu g$.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.