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EPHA6 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8444b

Product Information

Application	WB, E
Primary Accession	Q9UF33
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,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.

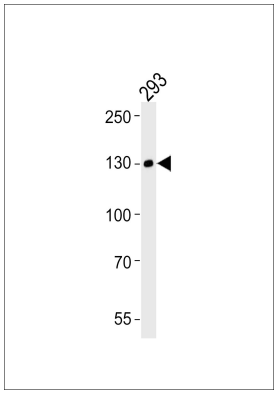
Background

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 20µg.