

# EPHA6 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51189

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q9UF33</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	116379

## Additional Information

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<b>Gene ID</b>	285220
<b>Other Names</b>	Ephrin type-A receptor 6, EPH homology kinase 2, EHK-2, EPH-like kinase 12, EK12, EPHA6, EHK2, HEK12
<b>Dilution</b>	WB~~1:1000 IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	EPHA6
<b>Synonyms</b>	EHK2, HEK12
<b>Function</b>	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).
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	Expressed in brain and testis.

## Background

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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

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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).

## Citations

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- [Erythropoietin-producing hepatocellular A6 overexpression is a novel biomarker of poor prognosis in patients with breast cancer.](#)

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