

EPHA4 polyclonal antibody

Catalog # PAB3008

Size 200 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EPHA4.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human EPHA4.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

Gene Info — EPHA4

Entrez GeneID

[2043](#)

Protein Accession#	P54764
Gene Name	EPHA4
Gene Alias	HEK8, SEK, TYRO1
Gene Description	EPH receptor A4
Omim ID	602188
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. [provided by RefSeq]
Other Designations	OTTHUMP00000164185 TYRO1 protein tyrosine kinase ephrin receptor EphA4 ephrin type-A receptor 4 receptor protein-tyrosine kinase HEK8 tyrosine-protein kinase receptor SEK

Publication Reference

- [Roles of Eph receptors and ephrins in segmental patterning.](#)

Xu Q, Mellitzer G, Wilkinson DG.

Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences 2000 Jul; 355(1399):993.

- [Eph receptors and ephrins: effectors of morphogenesis.](#)

Holder N, Klein R.

Development 1999 May; 126(10):2033.

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Cognition Disorders](#)

- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)