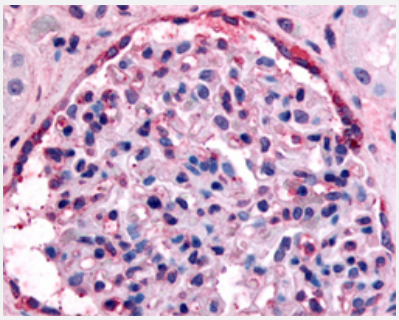
EPHA4 polyclonal antibody

Catalog # PAB16284 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human glomerulus with EPHA4 polyclonal antibody (Cat # PAB16284).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EPHA4.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human EPHA4.
Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Specificity	C-terminal domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (18 ug/mL) 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 -80°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human glomerulus with EPHA4 polyclonal antibody (Cat # PAB16284).

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 th e nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an e xtracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin rece ptors are divided into 2 groups based on the similarity of their extracellular domain sequences an d 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 rec eptor 4|receptor protein-tyrosine kinase HEK8|tyrosine-protein kinase receptor SEK

Pathway

- Axon guidance

Disease

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- Alzheimer Disease
- Cognition Disorders
- Genetic Predisposition to Disease
- Parkinson disease

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