EPHA5 polyclonal antibody

Catalog # PAB3010 Size 400 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EPHA5.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human EPHA5.
Host	Rabbit
Reactivity	Human, Mouse
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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Western Blot

Gene Info — EPHA5

Entrez GeneID	2044

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Protein Accession#	P54756
Gene Name	EPHA5
Gene Alias	CEK7, EHK1, HEK7, TYRO4
Gene Description	EPH receptor A5
Omim ID	600004
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. Two transcript variants encoding differ ent isoforms have been found for this gene.
Other Designations	Eph homology kinase-1|ephrin receptor EphA5|ephrin type-A receptor 5|receptor protein-tyrosine kinase HEK7|tyrosine-protein kinase receptor EHK-1

Publication Reference

- Expression profiling of the ovarian surface kinome reveals candidate genes for early neoplastic changes.

  Pejovic T, Pande NT, Mori M, Mhawech-Fauceglia P, Harrington C, Mongoue-Tchokote S, Dim D, Andrews C, Beck A, Tarumi Y, Djilas J, Cappuccini F, Caballero O, Huang J, Levy S, Tsiamouri A, Cain J, Bagby GC, Strausberg RL, Simpson AJ, Odunsi KO.

  Translational Oncology 2009 Dec; 2(4):341.

Pathway

- Axon guidance

Disease

- Tobacco Use Disorder

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