

## EPHA5 polyclonal antibody

Catalog # PAB3010

Size 400 uL

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of EPHA5.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human EPHA5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot
- Immunohistochemistry

### Gene Info — EPHA5

Entrez GeneID

[2044](#)

Protein Accession#	<a href="#">P54756</a>
Gene Name	EPHA5
Gene Alias	CEK7, EHK1, HEK7, TYRO4
Gene Description	EPH receptor A5
Omim ID	<a href="#">600004</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. Two transcript variants encoding different isoforms have been found for this gene.</p>
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](#)