

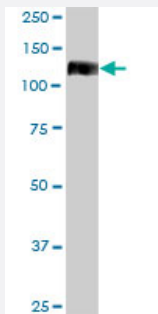
MaxPab®

EPHA2 MaxPab mouse polyclonal antibody (B02)

Catalog # H00001969-B02

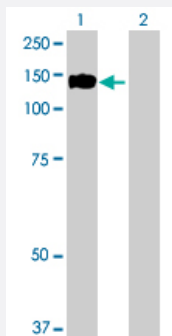
Size 50 uL

Applications



Western Blot (Tissue lysate)

EPHA2 MaxPab polyclonal antibody. Western Blot analysis of EPHA2 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of EPHA2 expression in transfected 293T cell line ([H00001969-T02](#)) by EPHA2 MaxPab polyclonal antibody.

Lane 1: EPHA2 transfected lysate(107.36 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human EPHA2 protein.

Immunogen

EPHA2 (NP_004422.2, 1 a.a. ~ 976 a.a) full-length human protein.

Sequence	MELQAARACFALLWGCALAAAAAAQGKEVVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDM PIMYSVCNVMSGDQDNWLRNTNWVYRGEAERIFIELKFTVRDCNSFPGGASSCKETFNLYAESD LDYGTNFQKRLFTKIDTIAPDEITVSSDFEARHVKLNVEERSVGPLTRKGFYLAQDIGACVALLSV RVYKKCPPELLQGLAHFPETIAGSDAPSLATVAGTCVDHAVVPPGGEEPRMHCAVDGEWLVP QCLCQAGYEKVEDACQACSPGFFKFEASESPCLECPEHTLPSPEGATSCECEEGFFRAPQDP ASMPCTRPPSAPHYLTAVGMGAKVELRWTPPQDSGGREDIVSVTCEQCWPESGECGPCEAS VRYSEPPHGLTRTSVTVSDLEPHMNYTFTVEARNGVSGLVTSRSFRTASVSINQTEPPKVRLEGR STTSLSVSWSIPPPQSRVWKYEVTYRKKGDSNSYNVRRTEGFSVTLDDLAPDTTYLVQVQALTQ EGQGAGSKVHEFQTLSPGSGNLAVIGGVAVGVVLLVLAGVGFFIHRRRKNQRARQSPEDVYF SKSEQLKPLKTYVDPHTYEDPNQAVLKFTTEIHPSCVTRQKVIGAGEFGEVYKGMKTSSGKKEV PVAIKTLKAGYTEKQRVDFLGEAGIMGQFSHHNIRLEGVISKYKPMIITEYMENGALDKFLREKDG EFSVLQLVGMLRGIAAGMKYLANMNYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEATYTT SGGKIPRWTAPEAISYRKFTSASDVWSFGVMWEVMTYGERPYWELSNHEVMKAINDGFRLLPTP MDCPSAIYQLMMQCWQGERARRPKFADIVSILDKLIRAPDSLKTLADFDPRVSIRLPSTSGSEGV FRTVSEWLESIKMQQYTEHFMAAGYTAIEKVVMQMTNDDIKRIGVRLPGHQKRIAYSLGLKQDQVNTV GPI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

EPHA2 MaxPab polyclonal antibody. Western Blot analysis of EPHA2 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of EPHA2 expression in transfected 293T cell line ([H00001969-T02](#)) by EPHA2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — EPHA2

Entrez GeneID [1969](#)

GeneBank Accession# [NM_004431.2](#)

Protein Accession# [NP_004422.2](#)

Gene Name EPHA2

Gene Alias ECK

Gene Description EPH receptor A2

Omim ID [176946](#)

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. This gene encodes a protein that binds ephrin-A ligands. [provided by RefSeq]

Other Designations ephrin receptor EphA2|epithelial cell receptor protein tyrosine kinase|protein tyrosine kinase|receptor protein tyrosine kinase regulated by p53 and E2F-1|soluble EPHA2 variant 1

Pathway

- [Axon guidance](#)

Disease

- [Cataract](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)