

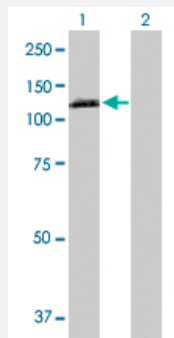
MaxPab®

EPHA2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001969-D01P

Size 100 ug

Applications



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(108.30 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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

MELQAARACFALLWGCALAAAAAAGKEVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDM
PIMYSVCNVMMSGDQDNWLRTNWVYRGEAERIFIELKFTVRDCNSFPGGASSCKETFNLYAESD
LDYGTNFQKRLFTKIDTIAPDEITVSSDFEARHVKLNVEERSVGPLTRKGFYAFQDIGACVALLSV
RVYYKKCPPELLQGLAHFPETIAGSDAPSLATVAGTCVDHAVVPPGGEEPRMHCAVDGEWLVP
QCLCQAGYEKVEDACQACSPGFFKFEASESPCLECPEHTLPSPEGATSCCEEGFFRAPQDP
ASMPCTRPPSAPHYLTAVGMGAKVELRWTPPQDSGGREDIVSVTCEQCWPESGECGPCEAS
VRYSEPPHGLTRTSVTVSDLEPHMNYTFTVEARNGVSGLVTSRSFRTASVSINQTEPPKVRLEGR
STTSLSVSWSIPPPQQSRVWKYEVYRKKGDSNSYNVRRTGFSVTLDDLAPDTTYLVQVQALTQ
EGQGAGSKVHEFQTLSPGSGNLAVIGGVAVGVLVLAGVGFFIHRRRKNQRARQSPEDVYF
SKSEQLKPLKTYVDPHTYEDPNQAVLKFTTEIHPSCVTRQKVIGAGEFGEVYKGMKTSSGKKEV
PVAIKTLKAGYTEKQRVDFLGEAGIMGQFSHHNIRLEGVISKYKPMIITEYMENGALDKFLREKDG
EFSVLQLVGMLRGIAAGMKYLANMNYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEATYTT
SGGKIPIRWTAPEAISYRKFTSASDVVSFGVMWEVMTYGERPYWELSNHEVMKAINDGFRLLPTP
MDCPSAIYQLMMQCWQGERARRPKFADIVSILDKLIRAPDSLKTADFDPRVSIRLPSTSGSEGV
FRTVSEWLESIKMQQYTEHFMAAGYTAIEKVVMQMTNDDIKRIGVRLPGHQKRIAYSLGLKDKQVNTV
GPI

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Lane 2: Non-transfected lysate.

[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](#)