

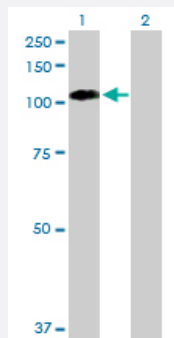
MaxPab®

EPHB1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002047-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EPHB1 expression in transfected 293T cell line ([H00002047-T01](#)) by EPHB1 MaxPab polyclonal antibody.

Lane 1: EPHB1 transfected lysate(108.24 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human EPHB1 protein.

Immunogen

EPHB1 (NP_004432.1, 1 a.a. ~ 984 a.a) full-length human protein.

Sequence

MALDYLLLLLLASAVAAMEETLMDTRTATAELGWTANPASGWEEVSGYDENLNTIRTYQVCNVFE
PNQNNWLLTTFINRRGAHRIYTEMRFVTRDCSSLPNVPGSCKETFNLYYYETDSVIATKKSAFWSE
APYLKVDTIAADESFSQVDFGGRLMKVNTEVRSFGPLTRNGFYLAQDYGACMSLLSVRVFFKK
CPSIVQNFAVFPETMTGAESTSLVIARGTCIPNAEEVDVPIKLYCNGDGEWMVPIGRCTCKPGYEP
ENSVACKACPAGTFKASQEAEGCSHCPSNSRSPAEASPICRTGYYRADFDPPPEVACTSVPS
GPRNVISVNETSIILEWHPPRETGGRDDVTYNIICKKCRADRRSCSRDDNVEFVPRQLGLTECRV
SISSLWAHTPYTFDIQAINGVSSKSPFPPQHVSVNITTNQAAPSTVPIMHQVSATMRSITLSWPQPE
QPNGIILDYEIRYYEKEHNEFNSSMARSQNTARIDGLRPGMVVVQVRARTVAGYGKFSGKMCFQ
TLDDDDYKSELREQLPLIAGSAAAGVVFVSLVAISVCSRKRAYSKEAVYSDKLQHYSTGRGSPG
MKIYDPFTYEDPNEAVREFAKEIDVSFVKIEEVIGAGEFGEVYKGRLLKPGKREIYVAIKTLKAGYSE
KQRRDFLSEASIMGQFDHPNIIRLEGVVTKSRPVMITEFMENGALDSFLRQNDGQFTVIQLVGMLR
GIAAGMKYLAEMNYVHRDLAARNILVNSNLVCKVSDFGLSRYLQDDTSDPTYTSSLGGKIPVRWTA
PEAIAYRKFTSASDVWSYGMWVMSFGERPYWDMSNQDVINAIEQDYRLPPPMDCPAALHQL
MLDCWQKDRNSRPRFAEIVNTLDKMIRNPASLKTVAITAVPSQPLLDPSIPDFTAFTTVDWLSAI
KMQYRDSFSLTAGFTSLQLVTQMTSEDLLRIGITLAGHQKKILNSIHSRMVQISQSPTAMA

Host

Mouse

Reactivity	Human
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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[Protocol Download](#)

Gene Info — EPHB1

Entrez GeneID	2047
GeneBank Accession#	NM_004441.3
Protein Accession#	NP_004432.1
Gene Name	EPHB1
Gene Alias	ELK, EPHT2, FLJ37986, Hek6, NET
Gene Description	EPH receptor B1
Omim ID	600600
Gene Ontology	Hyperlink
Gene Summary	Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene is a receptor for ephrin-B family members. [provided by RefSeq]
Other Designations	eph tyrosine kinase 2 ephrin receptor EphB1 soluble EPHB1 variant 1

Pathway

- [Axon guidance](#)

Disease

- [Carcinoma](#)
- [Depressive Disorder](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)