

DNAPab

Hard-to-Find
Antibody

EPHB1 DNAPab

Catalog # H00002047-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human EPHB1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence

MALDYLLLLLLASAVAAMEETLMDTRTATAELGWTANPASGWEEVSGYDENLNTIRTYQVCNVFE
 PNQNNWLLTTFINRRGAHRIYTEMRF TVRDCSSLPNVP GSCKETFNLYYYETDSVIATKKSAFWSE
 APYLKVD TIAADESFSQVDFGGRLMKVNTEVRSFGLTRNGFYLA FQDYGACMSLLSVRVFFKK
 CPSIVQNFAVFPETMTGAESTSLVIARGTCIPNAEEVDVPIKLYCNGDGEWMVPIGRCTCKPGYEP
 ENSVACKACPAGTFKASQEAEGCSHCPSNSRSPAEASPICRTCTGYYRADFDPPPEVACTSVPS
 GPRNVISVNETSIILEWHPPRETGGRDDVTYNIICKKCRADRRSCSRCDDNVEFVPRQLGLTECRV
 SSSLWAHTPYTFDIQAINGVSSKSPFPPQHVSVNITTNQAAPSTVPIMHQVSATMRSITLSWPQPE
 QPNGIILDYEIRYYEKEHNEFNSSMARSQTNTARIDGLRPGMVVVQVRARTVAGYGKFSGKMCFQ
 TLDDDYKSELREQLPLIAGSAAAGVVFVSLVAISVCSRKRAYSKEAVYSDKLQHYSTGRGSPG
 MKIYDPFTYEDPNEAVREFAKEIDVSFVKIEEVIGAGEFGEVYKGRLKLP GKREIYVAIKTLKAGYSE
 KQRRDFLSEASIMGQFDHPNIIRLEGVVT KSRPVMITEFMENGALDSFLRQNDGQFTVIQLVGMLR
 GIAAGMKYLAEMNYVHRDLAARNILVNSNLVCKVSDFGLSRYLQDDTSDPTYTSSLGGKIPVRWTA
 PEA IAYRKFTSASDVWSYGMMWEVMSFGERPYWDMSNQDVINAIEQDYRLPPPMDCPAALHQL
 MLDCWQKDRNSRPRFAEIVNTLDKMIRNPASLKTVAITAVPSQPLLD RSIPDFTAFTTVDDWLSAI
 KMQYRDSFLTAGFTSLQLVTQMTSEDLLRIGITLAGHQKKILNSIHSMRVQISQSPTAMA

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)