

DNAxPab

Hard-to-Find
Antibody

EPHB3 DNAxPab

Catalog # H00002049-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human EPHB3 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MARARPPPPSPPPGLLPLLPLLLLPLLLLPAGCRALEETLMDTKWVTSELAWTSHPESGWEE
VSGYDEAMNPIRTYQVCNVRESSQNNWLRTGFMRRDVQRVYVELKFTVRDCNSIPNIPGSCKET
FNLFFYEADSDVASASSPFWMENPYVKVDTIAPDESFSRLDAGRVNTKVRSFGPLSKAGFYLA
QDQGACMSLISVRAFYKKCASTTAGFALFPETLTGAEPTSLVIAPGTCIPNAVEVSVPLKLYCNGD
GEWMVPVGACTCATGHEPAAKESQCRPCPPGSYKAKQGEGPCLPCPPNSRTTSPAASICTCH
NNFYRADSDSADSACTTVPSPRGVISNVNETSLILEWSEPRDLGGRDDLNVICKKCHGAGGA
SACSRCDNVEFVPRQLGLTERRVHISHLLAHTRYTFEVQAVNGVSGKSPLPPRYAAVNITTNQA
APSEVPTLRLHSSSGSSLTSLWAPPERPNGVILDYEMKYFEKSEGIASVTSMNSVQLDGLRPD
ARYVVQVRARTVAGYGQYSRPAEFETTSESGAQQLQEQLPLVGSATAGLVFVVAVVVIANCL
RKQRHGSDSEYTEKLQQYIAPGMKVYIDPFTYEDPNEAVREFAKEIDVSCVKIEEVIGAGEFGEVC
RGRLLKQPGRREVFVAIKTLKVG YTERQRDFLSEASIMGQFDHPNIIIRLEGVVTKSRPVMILTEFME
NCALDSFLRLNDGQFTVIQLVGMLRGIAAGMKYLSEMNVHRDLAARNILVNSNLVCKVSDFGLSR
FLEDDPSDPTYTSSLGGKIPRWTAPEAIYRKFTSASDVWSYGMWWEVMSYGERPYWDMNQD
VINAVEQDYRLPPPMDCPTALHQLMLDCWVRDRNLRPKFSQVNTLDKLIRNAASLKVIASAQSG
MSQPLLDRTVPDYTTFTTVGDWLDAIKMGYKESFVSAGFASFDLVAQMTAEDLLRIGVTLAGHQ
KKILSSIQDMRLQMNQTLPVQV

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 — EPHB3

Entrez GeneID [2049](#)

GeneBank Accession# [NM_004443.3](#)

Protein Accession# [NP_004434.2](#)

Gene Name EPHB3

Gene Alias ETK2, HEK2, TYRO6

Gene Description EPH receptor B3

Omim ID [601839](#)

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-like tyrosine kinase-2|ephrin receptor EphB3|human embryo kinase 2

Pathway

- [Axon guidance](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)