

DNAxPAb

Hard-to-Find
Antibody

EPHA4 DNAxPab

Catalog # H00002043-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human EPHA4 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MAGIFYFALFSCFLFGICDAVTGSRVYPANEVTLDSRSVQGELGWIASPLEGGWEEVSIMDEKNT
 PIRTYQVCNVMEPSQNNWLRTDWITREGAQRVYIEIKFTLRDCNSLPGVMGTCKETFNLYYYESDN
 DKERFIRENQFVKIDTIAADESFTQVDIGDRIMKLNTEIRDVGPLSKKGFYLAQFDVGACIALVSVRV
 FYKKCPLTVRNLAQFPDTITGADTSSLVEVRGSCVNNSEEKDVPKMYCGADGEWLVPIGNCLCN
 AGHEERSGECQACKIGYYKALSTDATCAKCPPHSYSVWEGATSCTCDRGFFRADNDAASMPCT
 RPPSAPLNLISNVNETSVNLEWSSPQNTGGRQDISYNNVCKKCGAGDPSKCRPCGSGVHYTPQQ
 NGLKTTKVSITDLLAHTNYTFEIAVNGVSKYNPNPDQSVSVTVTTNQAAPSSIALVQAKEVTRYSV
 ALAWLEPDRPNGVILEYEVKYYEKDQNERSYRVRTAARNTDIKGLNPLTSYVFHVRARTAAGYGD
 FSEPLEVTTNTVPSRIIGDGANSTVLLVSVSGSVLVVILIAAFVISRRRSKYSKAKQEADDEEKHLNQ
 GVRTYVDPFTYEDPNQAVREFAKEIDASCIEKIEKVIGVGEFGEVCSGRLKVPKGREICVAIKTLKAG
 YTDKQRRDFLSEASIMGQFDHPNIIHLEGVVTCKKPVMIITEYMENGSLDAFLRKNDGRFTVIQLVG
 MLRGIGSGMKYLSDMSYVHRDLAARNILVNSNLVCKVSDFGMSRVLEDDPEAAYTTRGGKPIRW
 TAPEAIAIRKFTSASDVWSYGMMWEVMSYGERPYWDMSNQDVIKIEEGYRLPPPMDCPIALHQ
 LMLDCWQKERSDRPKFGQVNMMLDKLIRNPNSLKRTGTSSRPNTALLDPSSPEFSAVVSVGDW
 LQAIKMDRYKDNFTAAGYTTLEAVVHVNQEDLARIGITAITHQNKILSSVQAMRTQMQQMHGRMP
 V

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 — EPHA4

Entrez GeneID [2043](#)

GeneBank Accession# [NM_004438.3](#)

Protein Accession# [NP_004429.1](#)

Gene Name EPHA4

Gene Alias HEK8, SEK, TYRO1

Gene Description EPH receptor A4

Omim ID [602188](#)

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. [provided by RefSeq]

Other Designations OTTHUMP00000164185|TYRO1 protein tyrosine kinase|ephrin receptor EphA4|ephrin type-A receptor 4|receptor protein-tyrosine kinase HEK8|tyrosine-protein kinase receptor SEK

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)