MaxPab®

EPHB2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002048-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human EPHB2 protein.
Immunogen	EPHB2 (AAI46297.1, 1 a.a. ~ 986 a.a) full-length human protein.
Sequence	MALRRLGAALLLLPLLAAVEETLMDSTTATAELGWMVHPPSGWEEVSGYDENMNTIRTYQVCNV FESSQNNWLRTKFIRRRGAHRIHVEMKFSVRDCSSIPSVPGSCKETFNLYYYEADFDSATKTFPN WMENPWVKVDTIAADESFSQVDLGGRVMKINTEVRSFGPVSRSGFYLAFQDYGGCMSLIAVRVF YRKCPRIIQNGAIFQETLSGAESTSLVAARGSCIANAEEVDVPIKLYCNGDGEWLVPIGRCMCKAG FEAVENGTVCRGCPSGTFKANQGDEACTHCPINSRTTSEGATNCVCRNGYYRADLDPLDMPCTT IPSAPQAVISSVNETSLMLEWTPPRDSGGREDLVYNIICKSCGSGRGACTRCGDNVQYAPRQLGL TEPRIYISDLLAHTQYTFEIQAVNGVTDQSPFSPQFASVNITTNQAAPSAVSIMHQVSRTVDSITLSW SQPDQPNGVILDYELQYYEKELSEYNATAIKSPTNTVTVQGLKAGAIYVFQVRARTVAGYGRYSGK MYFQTMTEAEYQTSIQEKLPLIIGSSAAGLVFLIAVVVIAIVCNRRGFERADSEYTDKLQHYTSGHMT PGMKIYIDPFTYEDPNEAVREFAKEIDISCVKIEQVIGAGEFGEVCSGHLKLPGKREIFVAIKTLKSGY TEKQRRDFLSEASIMGQFDHPNVIHLEGVVTKSTPVMIITEFMENGSLDSFLRQNDGQFTVIQLVG MLRGIAAGMKYLADMNYVHRDLAARNILVNSNLVCKVSDFGLSRFLEDDTSDPTYTSALGGKIPIR WTAPEAIQYRKFTSASDVWSYGIVMWEVMSYGERPYWDMTNQDVINAIEQDYRLPPPMDCPSAL HQLMLDCWQKDRNHRPKFGQIVNTLDKMIRNPNSLKAMAPLSSGINLPLLDRTIPDYTSFNTVDEW LEAIKMGQYKESFANAGFTSFDVVSQMMMEDILRVGVTLAGHQKKILNSIQVMRAQMNQIQSVEV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99)
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

Gene Info — EPHB2

Entrez GeneID	2048
GeneBank Accession#	BC146296.1
Protein Accession#	AAI46297.1
Gene Name	EPHB2
Gene Alias	CAPB, DRT, EPHT3, ERK, Hek5, MGC87492, PCBC, Tyro5
Gene Description	EPH receptor B2
Omim ID	600997 603688
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	OTTHUMP00000002914|OTTHUMP00000002916|developmentally-regulated eph-related tyrosine kinase|elk-related tyrosine kinase|eph tyrosine kinase 3|ephrin receptor EphB2|prostate cancer-brain cancer susceptibility

Pathway

- Axon guidance

Disease

- Adenomatous Polyposis Coli
- Cardiovascular Diseases

- Cleft Lip
- Cleft Palate
- Colon cancer
- Colorectal Neoplasms
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Intestinal Polyposis
- Parkinson disease
- Precancerous Conditions
- Prostate cancer
- Prostatic Neoplasms