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Product datasheet for TA360531

Eph receptor B2 (EPHB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human EPHB2
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	116 kDa
Gene Name:	EPH receptor B2
Database Link:	<u>NP_004433.2</u> <u>Entrez Gene 2048 Human</u> <u>P29323</u>

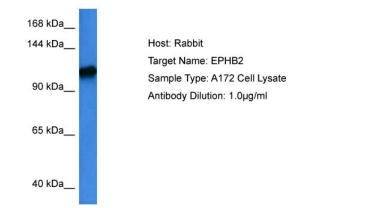


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CRICENEEph receptor B2 (EPHB2) Rabbit Polyclonal Antibody - TA360531Background:This gene encodes a member of the Eph receptor family of receptor tyrosine kinase
transmembrane glycoproteins. These receptors are composed of an N-terminal glycosylated
ligand-binding domain, a transmembrane region and an intracellular kinase domain. They
bind ligands called ephrins and are involved in diverse cellular processes including motility,
division, and differentiation. A distinguishing characteristic of Eph-ephrin signaling is that
both receptors and ligands are competent to transduce a signaling cascade, resulting in
bidirectional signaling. This protein belongs to a subgroup of the Eph receptors called EphB.
Proteins of this subgroup are distinguished from other members of the family by sequence
homology and preferential binding affinity for membrane-bound ephrin-B ligands. Allelic
variants are associated with prostate and brain cancer susceptibility. Alternative splicing
results in multiple transcript variants.

Synonyms: CAPB; DRT; EPHT3; EPTH3; ERK; Hek5; MGC87492; PCBC; Tyro5

Product images:



Host: Rabbit Target Name: EPHB2 Sample Tissue: Human A172 Whole Cell lysates Antibody Dilution: 1ug/ml

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