

Product datasheet for TA303150

OriGene Technologies, Inc.

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Eph receptor B2 (EPHB2) Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:4,000. WB: 1-3µg/ml.

Reactivity: Human (Expected from sequence similarity: Mouse, Rat, Dog)

Host: Goat Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-QKDRNHRPKFGQ, from the internal region of the protein sequence

according to NP_004433.2; NP_059145.2.

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Concentration: lot specific

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: EPH receptor B2

Database Link: NP 004433

Entrez Gene 13844 MouseEntrez Gene 313633 RatEntrez Gene 487380 DogEntrez Gene 2048

<u>Human</u> <u>P29323</u>



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Background: 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

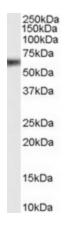
members. [provided by RefSeq]

Synonyms: CAPB; DRT; EK5; EPHT3; ERK; Hek5; PCBC; Tyro5

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: Axon guidance

Product images:



TA303150 (1ug/ml) staining of Human Lung lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.