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EB07445 - Goat Anti-EPHB2 / DRT / Nuk Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EPHB2, DRT, EPH receptor B2, Cek5, Qek5, Sek3, ETECK, Prkm5, EPHT3, ERK, Hek5, MGC87492, Tyro5, developmentally-regulated eph-related tyrosine kinase, elk-related tyrosine kinase, eph tyrosine kinase 3, ephrin receptor EphB2

Official Symbol: EPHB2

Accession Number(s): NP_004433.2; NP_059145.2

Human GeneID(s): 2048

Non-Human GenelD(s): 13844 (mouse)

Important Comments: This antibody is expected to recognise both reported isoforms (

NP_059145.2 and NP_004433.2).

Immunogen

Peptide with sequence C-QKDRNHRPKFGQ, from the internal region of the protein sequence according to NP_004433.2; NP_059145.2.

Please note the peptide is available for sale.

Purification and Storage

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx 60kDa band observed in Human Lung and Placenta lysates (calculated MW of 110kDa according to NP_059145.2 and NP_004433.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Litterst et al, J Biol Chem. 2007 Apr 10; PMID: 17428795). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07445 (1μg/ml) staining of Human Lung lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.