

### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB10439 - Goat Anti-EFNA1 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

Principal Names: B61, ECKLG, EFL1, eph-related receptor tyrosine kinase ligand 1, ephrin A1, ephrin-A1, EPLG1, immediate early response protein B61, LERK1, ligand of eph-related kinase 1, TNFAIP4, tumor necrosis factor, alpha-induced protein 4, EFNA1 Official Symbol: EFNA1 Accession Number(s): NP\_004419.2 Human GeneID(s): <u>1942</u> Non-Human GeneID(s): 13636 (mouse), 94268 (rat) Important Comments: This antibody is expected to recognize isoform a (NP\_004419.2) only.

#### Immunogen

Peptide with sequence C-KVTVSGKITHSP, from the internal region of the protein sequence according to NP\_004419.2.

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.

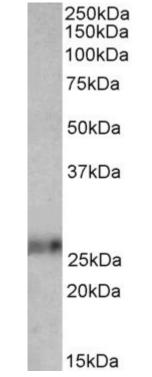
# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx 26kDa band observed in Mouse Thymus and Rat Lung lysates (calculated MW of 23.8kDa according to Mouse NP\_034237.3 and Rat NP\_446051.2). Recommended concentration: 0.01-0.03µg/ml.

#### **Species Reactivity**

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



EB10439 (0.01µg/ml) staining of Mouse Thymus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.