

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.

EB06267 - Goat Anti-Activin receptor-like kinase 1

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: ACVRL1, HHT, ALK1, HHT2, ORW2, SKR3, ALK-1, ACVRLK1, activin A receptor type II-like 1, Activin A receptor, type II-like kinase 1, ALK1, TSR-I, TGF-B superfamily receptor type I, activin A receptor, type II-like kinase 1, serine/threonine-protein kinase receptor R3 Official Symbol: ACVRL1 Accession Number(s): NP_000011.2; NP_001070869.1 Human GeneID(s): <u>94</u> Important Comments: Please note that this product is not to be confused with the similarly named ALK (anaplastic lymphoma kinase, GeneID 238). Reported variant represent identical protein: NP_000011.2; NP_001070869.1

Immunogen

Peptide with sequence C-KISNSPEKPKVIQ, from the C Terminus of the protein sequence according to NP_000011.2; NP_001070869.1.

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.

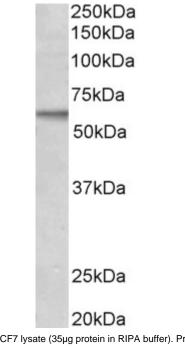
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000. **Western blot:** Approx 60kDa band observed in lysates of cell line MCF7 (calculated MW of 56.1kDa according to NP_000011.2). Recommended concentration: 1-3μg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



EB06267 (2µg/ml) staining of MCF7 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.