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Research Use Only. Not for diagnostic or therapeutic use.

EB06267 - Goat Anti-Activin receptor-like kinase 1 Antibody

Size: 100µg specific antibody in 200µl

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): 94

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 ($2\mu g/ml$) staining of MCF7 lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.