

Goat anti-Activin receptor-like kinase 1 Antibody

Item Number	dAP-0310
Target Molecule	Principle Name: Activin receptor-like kinase 1; Official Symbol: ACVRL1; All Names and Symbols: 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 r; Accession Number (s): NP_000011.2; NP_001070869.1; Human Gene ID(s): 94; Non-Human GeneID(s):
Immunogen	KISNSPEKPKVIQ, is from C Terminus 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
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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.
IHC	
Reference	Reference(s): Johnson DW, Berg JN, Baldwin MA, Gallione CJ, Marondel I, Yoon SJ, Stenzel TT, Speer M, Pericak-Vance MA, Diamond A, Guttmacher AE, Jackson CE, Attisano L, Kucherlapati R, Porteous ME, Marchuk DA. Mutations in the activin receptor-like kinase 1 gene in hereditary haemorrhagic telangiectasia

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**