ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-ACVR1 Antibody

Item Number	dAP-1296
Target Molecule	Principle Name: ACVR1; Official Symbol: ACVR1; All Names and Symbols: ACVR1; activin A receptor, type I; ACTRI; ACVRLK2; ALK2; FOP; SKR1; activin A receptor, type II-like kinase 2; activin A type I receptor; hydroxyalkyl-protein kinase; Accession Number (s): NP_001096.1; Human Gene ID(s): 90; Non-Human GeneID(s): 11477 (mouse) 79558 (rat)
Immunogen	RKFKRRNQERLNPRD, is from internal region Reported variants represent identical protein: NP_001096.1, NP_001104537.1
Applications	Pep ELISA, WB, IHC 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; Reconsititute 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 128000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Umbilical Cord lysates (calculated MW of 57.2kDa according to NP_001096.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows preferential staining of cytoplasm in primary spermatocytes.. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Shore EM, Xu M, Feldman GJ, Fenstermacher DA, Cho TJ, Choi IH, Connor JM, Delai P, Glaser DL, LeMerrer M, Morhart R, Rogers JG, Smith R, Triffitt JT, Urtizberea JA, Zasloff M, Brown MA, Kaplan FS. A recurrent mutation in the BMP type I receptor ACVR1 causes inherited and sporadic fibrodys-

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

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com