ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-prepro-transforming growth factor beta-2 Antibody

Item Number	dAP-3462
Target Molecule	Principle Name: prepro-transforming growth factor beta-2; Official Symbol: TGFB2; All Names and Symbols: TGFB2; transforming growth factor beta 2; LDS4; TGF-beta2; BSC-1 cell growth inhibitor; G-TSF; cetermin; glioblastoma-derived T-cell suppressor factor; polyergin; prepro-transforming growth factor beta-2; transforming growth factor, beta 2; Accession Number (s): NP_001129071.1; NP_003229.1; Human Gene ID(s): 7042; Non-Human GeneID(s):
Immunogen	STYTSGDQKTIKSTR, is from internal region This antibody is expected to recognize the part representing the latency-associated peptide.
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; 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 32000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Breast cancer lysates (calculated MW of 50.6kDa according to NP_001129071.1;).The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recomme
IHC	
Reference	Reference(s): O'Brien SK, Chen L, Zhong W, Armellino D, Yu J, Loreth C, Follettie M, Damelin M. Breast cancer cells respond differentially to modulation of TGFβ2 signaling after exposure to chemotherapy or hypoxia. Cancer research 2015 Nov 75 (21): 4605-16..PMID: 26340918->

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

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