

Goat anti-DKK1 Antibody

Item Number	dAP-0520
Target Molecule	Principle Name: DKK1; Official Symbol: DKK1; All Names and Symbols: DKK1; SK; DKK-1; dickkopf homolog 1 (Xenopus laevis); dickkopf-1 like; dickkopf (Xenopus laevis) homolog 1; dickkopf homolog 1; dickkopf related protein-1; Accession Number (s): NP_036374.1; Human Gene ID(s): 22943; Non-Human GeneID (s):
Immunogen	CDHHQASNSSLHT, is from C Terminus
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; 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 128000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Bone Marrow and Spleen lysates (calculated MW of 28.7kDa according to NP_036374.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Fedi et al, J Bio
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 10µg/ml.
Reference	Reference(s): Fedi P, Bafico A, Nieto Soria A, Burgess WH, Miki T, Bottaro DP, Kraus MH, Aaronson SA. Isolation and biochemical characterization of the human Dkk-1 homologue, a novel inhibitor of mammalian Wnt signaling. J Biol Chem. 1999 Jul 2;274(27):19465-72. .PMID: 10383463 ->

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**