

Goat anti-DKK4 Antibody

Item Number	dAP-0071
Target Molecule	Principle Name: DKK4; Official Symbol: DKK4; All Names and Symbols: DKK4; dickkopf homolog 4 (Xenopus laevis); DKK-4; hdkk-4; Dickkopf gene 4; dickkopf (Xenopus laevis) homolog 4; MGC129562; MGC129563; dickkopf homolog 4; Accession Number (s): NP_055235.1; Human Gene ID(s): 27121; Non-Human GenID(s):
Immunogen	RQHARLRVCQKIEKL, is from C Terminus
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 30-35kDa band seen in Jurkat lysate. Recommended for use at 1-3µg/ml. Please note that literature indicates DKK4 is detected as three major immunoreactive species of approx. 40 kDa [form (i)], 30-32 kDa [form (ii)] and 15-17 kDa [f]
IHC	
Reference	Reference(s): Krupnik VE, Sharp JD, Jiang C, Robison K, Chickering TW, Amaravadi L, Brown DE, Guyot D, Mays G, Leiby K, Chang B, Duong T, Goodearl AD, Gearing DP, Sokol SY, McCarthy SA. Functional and structural diversity of the human Dickkopf gene family. <i>Gene</i> . 1999 Oct 1;238(2):301-13..PMID: 10530000

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 end users! This product is sold for **Research Use Only**