



## Goat anti-DKK3 / REIC Antibody

<b>Item Number</b>	dAP-0079
<b>Target Molecule</b>	Principle Name: DKK3 / REIC; Official Symbol: DKK3; All Names and Symbols: DKK3; REIC; dickkopf homolog 3 ( <i>Xenopus laevis</i> ); DKK-3; RIG-like 5-6; RIG-like 7-1; dickkopf 3; Dickkopf gene 3; dickkopf ( <i>Xenopus laevis</i> ) homolog 3; dickkopf homolog 3; RIG; regulated in glioma; Accession Number (s): NP_037385.2; NP_056965.3; NP_001018067.1; Human Gene ID(s): 27122; Non-Human GeneID(s):
<b>Immunogen</b>	AAAALLGGEEI, is from C Terminus NP_037385.2; NP_056965.3 and NP_001018067.1 are variants of the same protein.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx. 70kDa band observed in lysates of cell line HEK293 (calculated MW of 38.4kDa according to NP_037385.2, NP_056965.3 and NP_001018067.1). The observed molecular weight corresponds to earlier findings in literature (Krupnik et al, Gene
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Brain Cortex shows vesiculate staining in cytoplasm of neuronal cell bodies. Recommended concentration: 5-10µg/ml.
<b>Reference</b>	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. Gene. 1999 Oct 1;238(2):301-13..PMID:

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**