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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05361 - Goat Anti-DKK3 / REIC Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: regulated in glioma, RIG, dickkopf homolog 3, dickkopf (Xenopus laevis) homolog 3, Dickkopf gene 3, dickkopf 3, RIG-like 7-1, RIG-like 5-6, DKK-3, dickkopf homolog 3 (Xenopus laevis), REIC, DKK3

Official Symbol: DKK3

Accession Number(s): NP_037385.2; NP_056965.3; NP_001018067.1

Human GeneID(s): [27122](#)

Important Comments: NP_037385.2; NP_056965.3 and NP_001018067.1 are variants of the same protein.

Immunogen

Peptide with sequence C-AAAALLGGEEI, from the C Terminus of the protein sequence according to NP_037385.2; NP_056965.3; NP_001018067.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

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. 1999 Oct 1;238(2):301-13.; PMID: 10570958). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Background Reference

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: 10570958



EB05361 staining (2 μ g/ml) of HEK293 lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.