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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.

IHC: In paraffin embedded Human Brain Cortex shows vesiculate staining in cytoplasm of neuronal cell bodies. Recommended concentration, 5-10µg/ml.

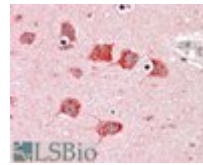
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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.



EB05361 (5 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.