

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05361 - Goat Anti-DKK3 / REIC Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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 (1µg/ml) of HEK293 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 12 hour. Detected by chemiluminescence.

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