



## International Office

### Everest Biotech Ltd

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

## EB05362 - Goat Anti-DKK4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DKK4, dickkopf homolog 4 (*Xenopus laevis*), DKK-4, hdck-4, Dickkopf gene 4, dickkopf (*Xenopus laevis*) homolog 4, MGC129562, MGC129563, dickkopf homolog 4

**Official Symbol:** DKK4

**Accession Number(s):** NP\_055235.1

**Human GeneID(s):** [27121](#)

### Immunogen

Peptide with sequence RQHARLRVCQKIEKL, from the C Terminus of the protein sequence according to NP\_055235.1.

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 1:32000.

**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 [form (iii)]. We believe this antibody will recognise 30-32kDa species of DKK4.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig



EB05362 staining (1 $\mu$ g/ml) of Jurkat lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.