

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB06457 - Goat Anti-DKK1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DKK1, SK, DKK-1, dickkopf homolog 1 (Xenopus laevis), dickkopf-1 like, dickkopf (Xenopus laevis) homolog 1, dickkopf homolog 1, dickkopf related protein-1

**Official Symbol:** DKK1

**Accession Number(s):** NP\_036374.1

**Human GeneID(s):** [22943](#)

### Immunogen

Peptide with sequence CDHHQASNSSRLHT, from the C Terminus of the protein sequence according to NP\_036374.1.

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 1:128000.

**Western blot:** Approx 38kDa band observed in Human Bone Marrow and Spleen lysates (calculated MW of 28.7kDa according to NP\_036374.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Fedi et al, J Biol Chem. 1999 Jul 2;274(27):19465-72; PMID: 10383463). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Pig Spleen for this particular batch.

**IHC:** Paraffin embedded Human Placenta. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB06457 (1µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06457 (10µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.