



## International Office

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

## EB06214 - Goat Anti-DAPPER1 / DACT1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DACT1, FRODO, HDPR1, DAPPER, THYEX3, DAPPER1, dapper homolog 1, antagonist of beta-catenin (Xenopus), heptacellular carcinoma novel gene 3, dapper, antagonist of beta-catenin, homolog 1, apper, antagonist of beta-catenin, homolog 1 (Xenopus laevis), DPR1, FRODO, dapper 1, antagonist of beta-catenin

**Official Symbol:** DACT1

**Accession Number(s):** NP\_057735.2; NP\_001072988.1

**Human GeneID(s):** [51339](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms.

### Immunogen

Peptide with sequence KPSPAGTAKELEP-C, from the N Terminus of the protein sequence according to NP\_057735.2; NP\_001072988.1.

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 1:64000.

**Western blot:** Western Blot: Preliminary experiments gave an approx 28kDa band in human bone marrow lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 90.2kDa according to NP\_057735.2. The 28kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human