

## DACT1 Antibody

*DACT1, FRODO, HDPRI, DAPPER, THYEX3, DAPPER1, dapper homolog 1, antagonist of beta-catenin (xenopus), heptacellular carcinoma novel gene 3, dapper, antagonist of beta-catenin, homolog 1*

**CATALOG NO.: 45-457**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

DACT1 Antibody.

**SOURCE:**

DACT1 antibody was raised against a synthetic peptide of DACT1.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_057735.2

**SPECIES REACTIVITY:**

Human

**TESTED APPLICATION:**

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**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:64,000.  
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.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Cheyette BN, Waxman JS, Miller JR, Takemaru K, Sheldahl LC, Khlebtsova N, Fox EP, Earnest T, Moon RT. Dapper, a Dishevelled-associated antagonist of beta-catenin and JNK signaling, is required for notochord formation. Dev Cell. 2002 Apr;2(4):449-61.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.