

## DACH2 Antibody

*DACH2, dachshund homolog 2 (Drosophila), RP11-345E19.1, FLJ31391, MGC138545, dachshund 2*

**CATALOG NO.:** 46-650

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

DACH2 Antibody.

**SOURCE:**

DACH2 antibody was raised against a synthetic peptide of DACH2.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_444511.1

**SPECIES REACTIVITY:**

Human, Mouse

**TESTED APPLICATION:**

Western Blot, ELISA

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:64,000.  
Western Blot: Approx 65-70kDa band observed in lysates of cell line NIH3T3 (calculated MW of 65.3kDa according to human NP\_444511.1 and of 68.6kDa according to mouse NP\_291083.1). Recommended con

**PURIFICATION:**

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

**BUFFER:**

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



Western blot analysis of DACH2 in NIH3T3 cell lysate (35µg protein in RIPA buffer) using DACH2 antibody (0.03µg/ml).

**STORAGE:**

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

**REFERENCE:**

Wu K, Yang Y, Wang C, Davoli MA, D'Amico M, Li A, Cveklova K, Kozmik Z, Lisanti MP, Russell RG, Cvekl A, Pestell RG. DACH1 inhibits transforming growth factor-beta signaling through binding Smad4. J Biol Chem. 2003 Dec 19;278(51):51673-84. Epub 2003 Oct 2.

**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.