

## GAB2 Antibody

*GAB2, GRB2-associated binding protein 2, KIAA0571, Grb2-associated binder 2*

**CATALOG NO.:** 45-645

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

GAB2 Antibody. This antibody is expected to recognize both reported isoforms (NP\_536739.1; NP\_036428.1).

**SOURCE:**

GAB2 antibody was raised against a synthetic peptide of GAB2.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_536739.1, NP\_036428.1

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Dog

**TESTED APPLICATION:**

WB, E

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:64,000.  
Western Blot: Approx 80kDa band observed in lysates of cell line K562 (calculated MW of 74.5kDa according to NP\_536739.1). Recommended concentration: 0.5-1.5µg/ml.

**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.



Western blot analysis of GAB2 in K562 cell lysate (35µg protein in RIPA buffer) using GAB2 antibody (0.5µg/ml).

**STORAGE:**

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

**REFERENCE:**

Bentires-Alj M, Gil SG, Chan R, Wang ZC, Wang Y, Imanaka N, Harris LN, Richardson A, Neel BG, Gu H. A role for the scaffolding adapter GAB2 in breast cancer. *Nat Med.* 2006 Jan;12(1):114-21. Epub 2005 Dec 20.

**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.