

**Anti-GAB1 Picoband Antibody**  
Catalog # ABO10222

**Specification**

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**Anti-GAB1 Picoband Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O13480</a>
Host	<b>Rabbit</b>
Reactivity	<b>Human, Rat</b>
Clonality	<b>Polyclonal</b>
Format	<b>Lyophilized</b>

**Description**

Rabbit IgG polyclonal antibody for GRB2-associated-binding protein 1(GAB1) detection. Tested with WB in Human;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-GAB1 Picoband Antibody - Additional Information**

**Gene ID** 2549

**Other Names**

GRB2-associated-binding protein 1, GRB2-associated binder 1, Growth factor receptor bound protein 2-associated protein 1, GAB1

**Calculated MW**

76616 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human, Rat<br>

**Protein Name**

GRB2-associated-binding protein 1

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human GAB1 (72-109aa LTFNKKEFENSYIFDINTIDRIFYLVADSEEMNKWVR), different from the related mouse sequence by one amino acid.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins.

## Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## Anti-GAB1 Picoband Antibody - Protein Information

**Name** GAB1

### Function

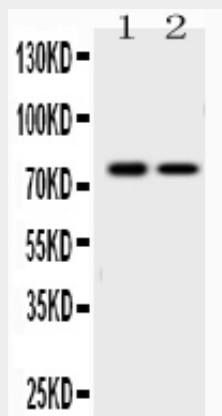
Adapter protein that plays a role in intracellular signaling cascades triggered by activated receptor-type kinases. Plays a role in FGFR1 signaling. Probably involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Involved in the MET/HGF-signaling pathway (PubMed: <http://www.uniprot.org/citations/29408807> target="\_blank">29408807</a>).

## Anti-GAB1 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-GAB1 Picoband Antibody - Images



Western blot analysis of GAB1 expression in rat testis extract (lane 1) and K562 whole cell lysates (lane 2). GAB1 at 77KD was detected using rabbit anti- GAB1 Antigen Affinity purified polyclonal antibody (Catalog # ABO10222) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

## Anti-GAB1 Picoband Antibody - Background

GRB2-associated-binding protein 1 is a protein that in humans is encoded by the GAB1 gene. It is

mapped to 4q31.21. The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene.