

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

Anti-GAB1 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q13480
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

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

Protein Name

GRB2-associated-binding protein 1

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

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.

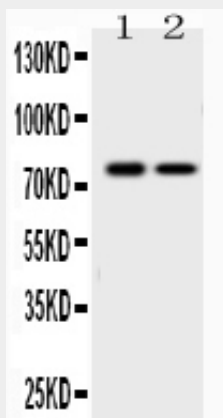
Anti-GAB1 Picoband Antibody - Protein Information**Name** GAB1**Function**

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: [29408807](http://www.uniprot.org/citations/29408807)).

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.