

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

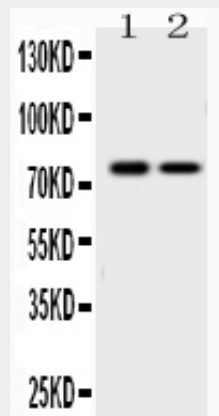
GRB2-associated-binding protein 1

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃N.

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human GAB1 (72-109aa LTFNKKEFENSYIFDINTIDRIFYLVA



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.

DSEEMNWKVR), 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).

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](#)