

Datasheet for ABIN7180014  
**anti-GAB2 antibody (Ser623)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	GAB2
Binding Specificity:	Ser623
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human Gab2 around the phosphorylation site of serine 623 (P-S-S(p)-P-S).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	GAB2
Alternative Name:	GAB2 ( <a href="#">GAB2 Products</a> )

## Target Details

**Background:** Background: Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis.

Nishida K., Blood 93:1809-1816(1999).  
Nagase T., DNA Res. 5:31-39(1998).  
Salomon A.R., Proc. Natl. Acad. Sci. U.S.A. 100:443-448(2003).

Aliases: GAB 2 antibody, Gab2 antibody, GAB2\_HUMAN antibody, Grb 2 associated binder 2 antibody, GRB 2 associated binding protein 2 antibody, Grb2 associated binder 2 antibody, GRB2 associated binder 2 pp100 antibody, GRB2 associated binding protein 2 antibody, GRB2-associated binder 2 antibody, GRB2-associated-binding protein 2 antibody, Growth factor receptor bound protein 2 associated protein 2 antibody, Growth factor receptor bound protein 2-associated protein 2 antibody, KIAA0571 antibody, p97 antibody, PH domain containing adaptor molecule p97 antibody, pp100 antibody

**UniProt:** [Q9UQC2](#)

**Pathways:** [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [BCR Signaling](#), [Warburg Effect](#)

## Application Details

**Application Notes:** WB:1:500-1:3000,

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

**Preservative:** Sodium azide

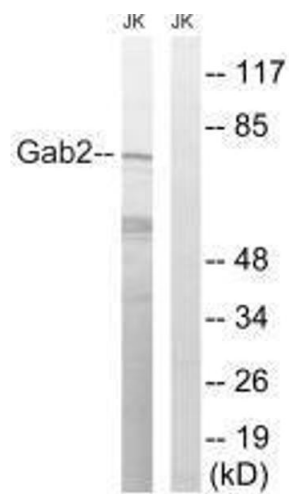
**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, -80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

**Image 1.** Western blot analysis of extracts from Jurkat cells, treated with TNF (2500U/mL, 30 mins), using Gab2 (Ab-623) antibody.