

Recombinant Human GAB2 293 Cell Lysate

Cat. No. GAB2-6074HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for GRB2-associated binding protein 2 (GAB2), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

GAB2 GRB2-associated binding protein 2 [Homo sapiens]

Official Symbol

GAB2

Synonyms

GAB2; GRB2-associated binding protein 2; GRB2-associated-binding protein 2; Grb2 associated binder 2; KIAA0571; pp100; Grb2-associated binder 2; growth factor receptor bound protein 2-associated protein 2;

Gene ID

9846

mRNA Refseq

NM_012296

Protein Refseq

NP_036428

MIM

606203

UniProt ID

Q9UQC2

**Chromosome
Location**

11q13.4-q13.5

Pathway

B Cell Receptor Signaling Pathway, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Fc epsilon RI signaling

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pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem;

Function

SH3/SH2 adaptor activity; phosphatidylinositol-3,4,5-trisphosphate binding; phosphatidylinositol-3,4-bisphosphate binding; protein binding; transmembrane receptor protein tyrosine kinase adaptor activity;

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