

Datasheet for ABIN3028687

anti-GAB1 antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	GAB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GAB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This Gab1 antibody was produced from mice immunized with a GST fusion protein encoding full length human GAB1.
Clone:	1AT1979
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	GAB1
Alternative Name:	Gab1 (GAB1 Products)
Background:	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

Target Details

isoforms have been found for this gene.

UniProt:	Q13480
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , Platelet-derived growth Factor Receptor Signaling , Signaling of Hepatocyte Growth Factor Receptor , VEGFR1 Specific Signals

Application Details

Application Notes:	Titration of the Gab1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

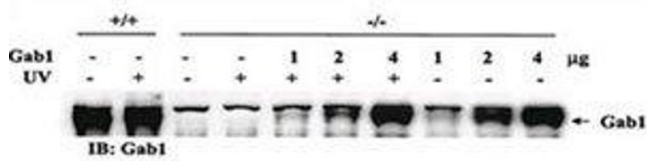
Handling

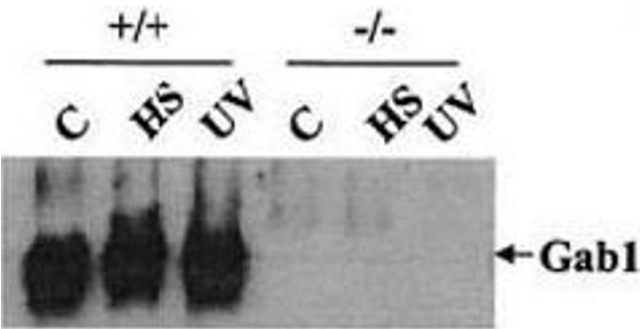
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Gab1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images

Western Blotting

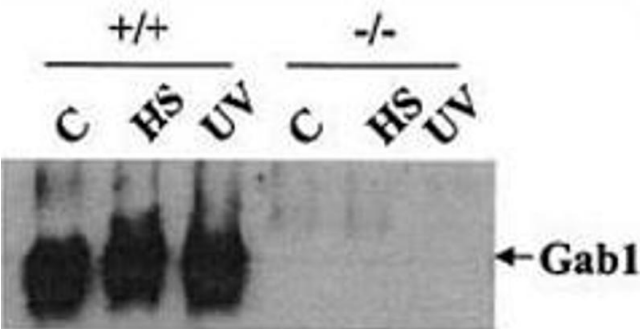
Image 1. Rescue of the JNK pathway by expression of wild-type Gab1 in Gab1^{-/-} cells. Gab1^{-/-} cells were transiently transfected with human Gab1 cDNA. After incubation, the cells were irradiated or left untreated. Exogenous expression in transfected cells was confi





Western Blotting

Image 2. Western blot testing of Gab1 antibody: Wild-type (+/+) and Gab1-/- (-/-) cells were heat shocked (HS) at 42oC for 1 h or irradiated with UV-B light (400 J/m2) and then incubated at 37oC for 1 h. IP was done with an anti-JNK2 Ab and immunoprecipitates test



Western Blotting

Image 3. Western blot testing of Gab1 antibody: Wild-type (+/+) and Gab1-/- (-/-) cells were heat shocked (HS) at 42oC for 1 h or irradiated with UV-B light (400 J/m2) and then incubated at 37oC for 1 h. IP was done with an anti-JNK2 Ab and immunoprecipitates tested with Gab-1 antibody.