

Datasheet for ABIN1532145
anti-GAB2 antibody (pSer623)



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2 Images

Overview

Quantity:	100 µL
Target:	GAB2
Binding Specificity:	AA 589-638, pSer623
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Gab2 around the phosphorylation site of Ser623.
Isotype:	IgG
Specificity:	Gab2 (Phospho-Ser623) Antibody detects endogenous levels of Gab2 only when phosphorylated at Ser623. PhosphorylationH:S623 M:S612 R:S612
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

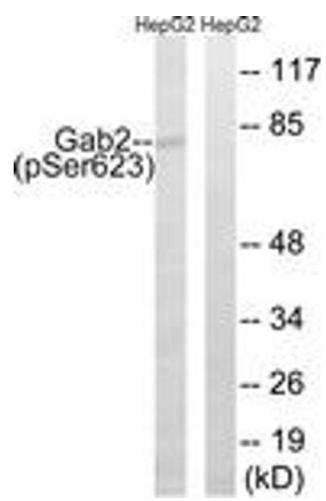
Target:	GAB2
Alternative Name:	Gab2 (GAB2 Products)
Background:	Synonyms: GRB2-associated-binding protein 2, Growth factor receptor bound protein 2-associated protein 2, GRB2-associated binder 2, pp100, KIAA0571 NCBI Gene Symbol: GAB2
Molecular Weight:	74 kDa
Gene ID:	9846
OMIM:	606203
UniProt:	Q9UQC2
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: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.429434 (NCBI Gene Symbol: GAB2)
Restrictions:	For Research Use only

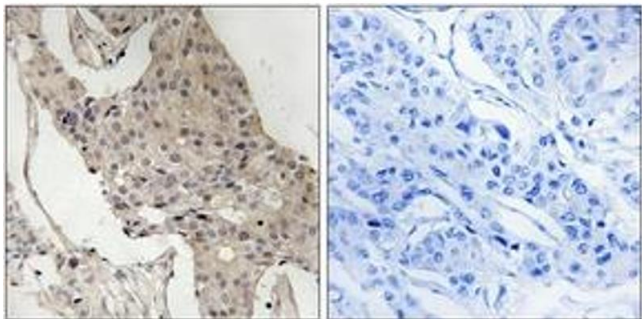
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with PMA 125ng/ml 30', using Gab2 (Phospho-Ser623) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Gab2 (Phospho-Ser623) Antibody. The picture on the right is treated with the synthesized peptide.