Gab 2(Phospho Ser623) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09338
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Gab2 around the phosphorylation site of Ser623. AA range:589-638
Mol wt	74458
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	GRB2-associated-binding protein 2
Synonyms	GRB2-associated-binding protein 2; GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binder 2; Growth factor receptor bound protein 2-associated protein 2; pp100

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.
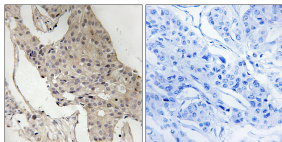
Recommended Dilution

WB: 1: 500 - 1: 2000
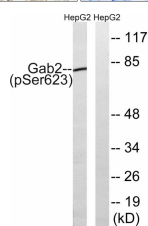
IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images

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

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

Storage

-20°C for 1 year