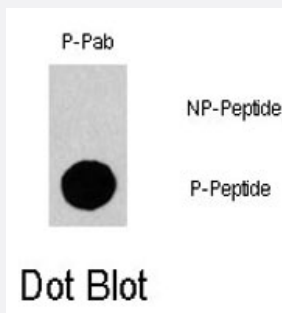


GAB1 (phospho Y659) polyclonal antibody

Catalog # PAB0477 Size 400 uL

Applications



Dot Blot (Peptide)

Dot blot analysis of GAB1 (phospho Y659) polyclonal antibody (Cat # PAB0477) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of GAB1.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y659 of human GAB1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Dot Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Dot Blot (Peptide)

Dot blot analysis of GAB1 (phospho Y659) polyclonal antibody (Cat # PAB0477) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

Gene Info — GAB1

Entrez GeneID	2549
Protein Accession#	NP_002030:Q13480
Gene Name	GAB1
Gene Alias	-
Gene Description	GRB2-associated binding protein 1
Omim ID	604439
Gene Ontology	Hyperlink
Gene Summary	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 isoforms have been found for this gene. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Critical role for hematopoietic cell kinase \(Hck\)-mediated phosphorylation of Gab1 and Gab2 docking proteins in interleukin 6-induced proliferation and survival of multiple myeloma cells.](#)

Podar K, Mostoslavsky G, Sattler M, Tai YT, Hayashi T, Catley LP, Hideshima T, Mulligan RC, Chauhan D, Anderson KC.
The Journal of Biological Chemistry 2004 Mar; 279(20):21658.

- [Distinct domains in the SHP-2 phosphatase differentially regulate epidermal growth factor receptor/NF-kappaB activation through Gab1 in glioblastoma cells.](#)

Kapoor GS, Zhan Y, Johnson GR, O'Rourke DM.

Molecular and Cellular Biology 2004 Jan; 24(2):823.

- [Roles of Gab1 and SHP2 in paxillin tyrosine dephosphorylation and Src activation in response to epidermal growth factor.](#)

Ren Y, Meng S, Mei L, Zhao ZJ, Jove R, Wu J.

The Journal of Biological Chemistry 2003 Dec; 279(9):8497.

Pathway

- [ErbB signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Renal cell carcinoma](#)

Disease

- [Atrophy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Metaplasia](#)
- [Narcolepsy](#)
- [Stomach Neoplasms](#)