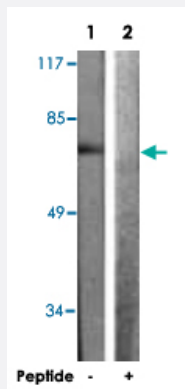


GAB1 polyclonal antibody

Catalog # PAB18276 Size 100 ug

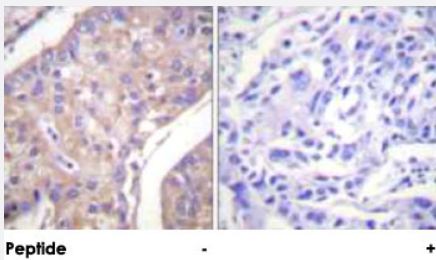
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using GAB1 polyclonal antibody (Cat # PAB18276).

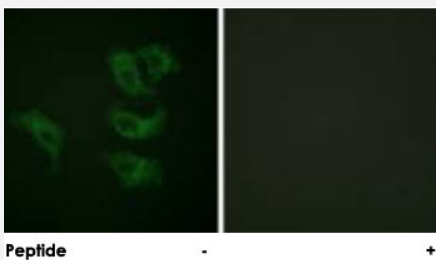
Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GAB1 polyclonal antibody (Cat # PAB18276).

Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HepG2 cells, using GAB1 polyclonal antibody (Cat # PAB18276).

Peptide "+" means "peptide blocking".

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of GAB1.

Immunogen	A synthetic peptide corresponding to residues surrounding Y659 of human GAB1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to GAB1.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	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

- Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using GAB1 polyclonal antibody (Cat # PAB18276).

Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GAB1 polyclonal antibody (Cat # PAB18276).

Peptide "+" means "peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HepG2 cells, using GAB1 polyclonal antibody (Cat # PAB18276).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GAB1

Entrez GeneID	2549
Protein Accession#	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

- [The scaffolding adapter Gab1 mediates vascular endothelial growth factor signaling and is required for endothelial cell migration and capillary formation.](#)

Laramée M, Chabot C, Cloutier M, Stenne R, Holgado-Madruga M, Wong AJ, Royal I.
The Journal of Biological Chemistry 2007 Mar; 282(11):7758.

Application: IP, WB, Bovine, Bovine aortic endothelial cell
- [Gab1 contributes to cytoskeletal reorganization and chemotaxis in response to platelet-derived growth factor.](#)

Kallin A, Demoulin JB, Nishida K, Hirano T, Ronnstrand L, Heldin CH.
The Journal of Biological Chemistry 2004 Apr; 279(17):17897.

Application: IP-WB, Human, PAE cells
- [Distinct recruitment and function of Gab1 and Gab2 in Met receptor-mediated epithelial morphogenesis.](#)

Lock LS, Maroun CR, Naujokas MA, Park M.
Molecular Biology of the Cell 2002 Jun; 13(6):2132.

Application: IP-WB, Dog, MDCK cells

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](#)