GAB1 Rabbit mAb

Catalog No: #49756

Package Size: #49756-1 50ul #49756-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

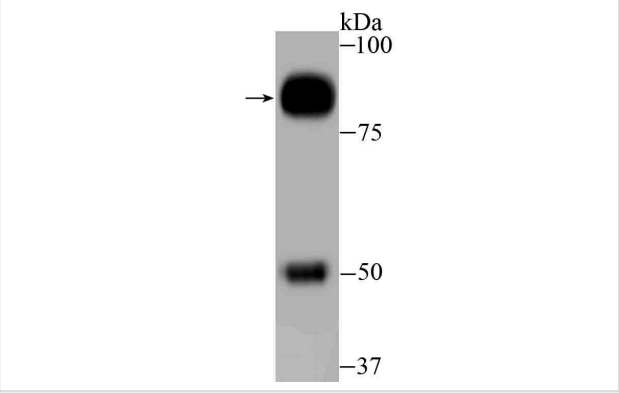
Description

Product Name	GAB1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU47-19
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	Gab 1 antibody GAB1 antibody GAB1_HUMAN antibody GRB 2 associated binder 1 antibody GRB 2 associated binding protein 1 antibody GRB2 associated binding protein 1 isoform a antibody GRB2 associated binding protein 1 isoform b antibody GRB2-associated binder 1 antibody GRB2-associated-binding protein 1 antibody Growth factor receptor bound protein 2-associated protein 1 antibody
Accession No.	Swiss-Prot#:Q13480
Uniprot	Q13480
GeneID	2549;
Calculated MW	77 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

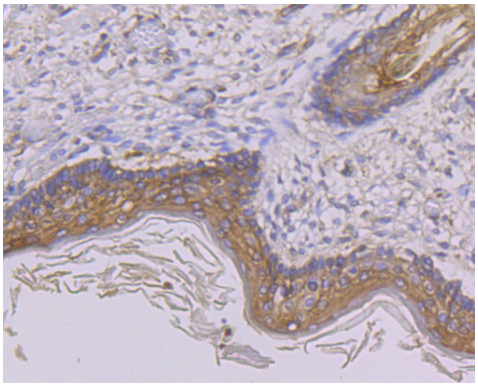
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:100-1:500FC: 1:50-1:100

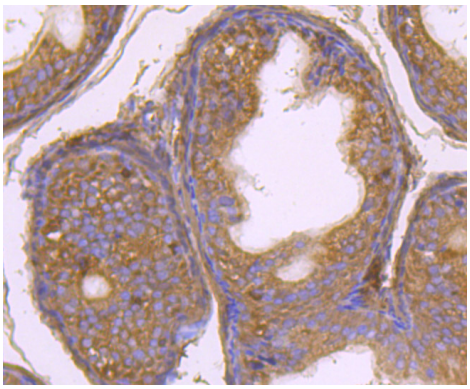
Images



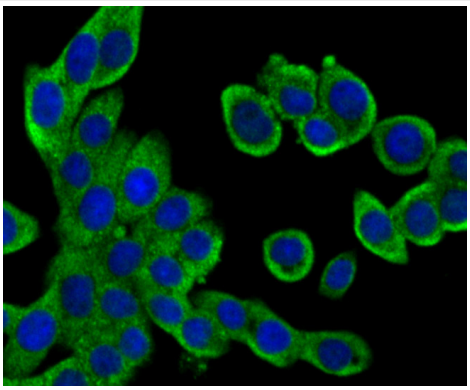
Western blot analysis of GAB1 on human small intestine tissue lysate using anti-GAB1 antibody at 1/500 dilution.



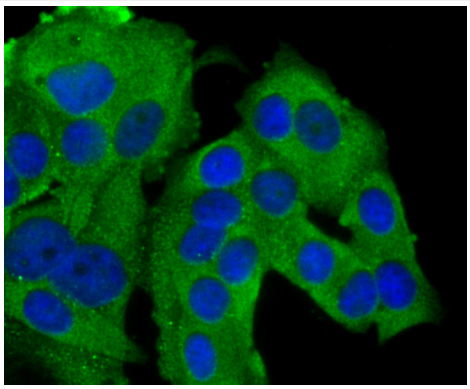
Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-GAB1 antibody. Counter stained with hematoxylin.



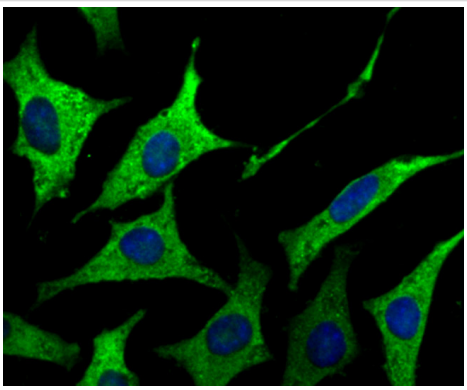
Immunohistochemical analysis of paraffin-embedded rat epididymis tissue using anti-GAB1 antibody. Counter stained with hematoxylin.



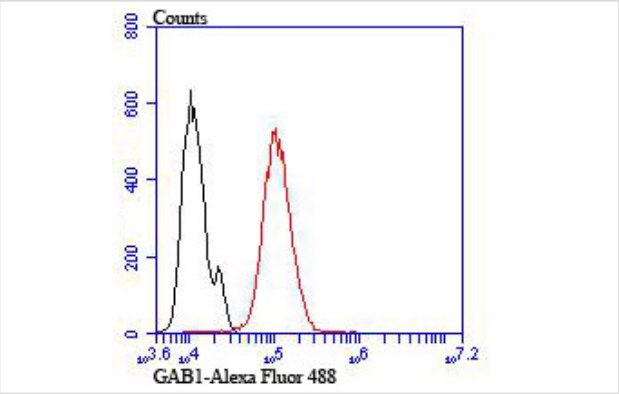
ICC staining GAB1 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining GAB1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining GAB1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with GAB1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

Growth factor triggering of protein tyrosine kinase receptors induces signals that cascade to the nucleus, activating mitogenic as well as other responses. Critical components of this process include adapter proteins such as Shc, IRS-1 and Gab 1 (GRB-associated binder-1) that lack detectable catalytic activity. These are immediate substrates of receptor tyrosine kinase activity and serve to link activated receptors to downstream signaling components. Whereas Shc has been implicated in signaling by diverse receptor families, IRS-1 serves primarily as the major insulin receptor substrate. Shc and Gab 1 also participate in insulin signaling by linking the insulin receptor to Ras by forming complexes with GRB2 (another adapter protein) and Sos independently of IRS-1. Gab 1 is also thought to be involved in the EGF receptor signaling pathway.

References

Note: This product is for in vitro research use only