

## Anti-GAB1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

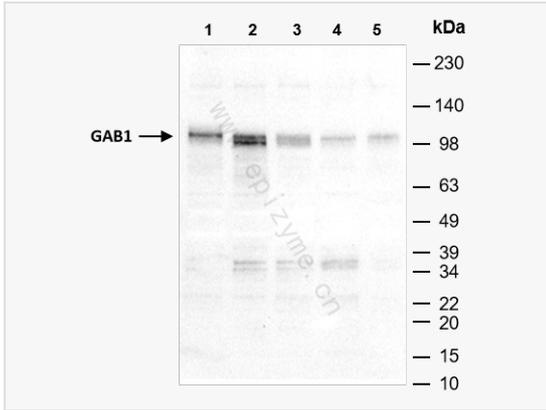
Catalog # R014551

### Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	42M64H17
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human GAB1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GAB1 Rabbit mAb [42M64H17] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Gab 1, GAB1, GAB1_HUMAN, GRB2 associated binder 1, GRB2 associated binding protein 1, GRB2 associated binding protein 1 isoform a, GRB2 associated binding protein 1 isoform b, GRB2-associated binder 1, GRB2-associated-binding protein 1, Growth factor receptor bound protein 2-associated protein 1.
Calculated MW	Calculated MW: 76 kDa; Observed MW: 110 kDa
Uniprot ID	Q13480
Gene ID	2549
Background	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, Aug 2008]



Western Blot - Anti-GAB1 Rabbit mAb [42M64H17]

All lanes: R014551 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

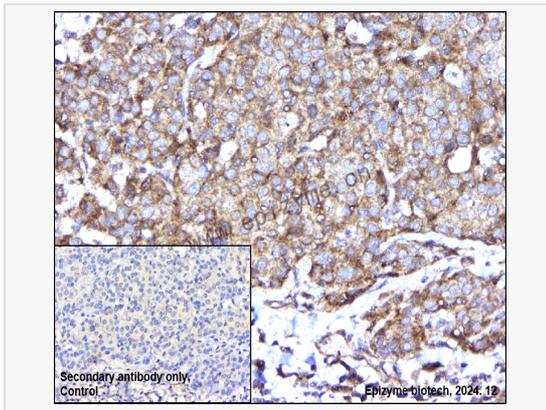
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 76 kDa

Observed band size: 110 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-GAB1 Rabbit mAb [42M64H17]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014551 at 1:200 dilution

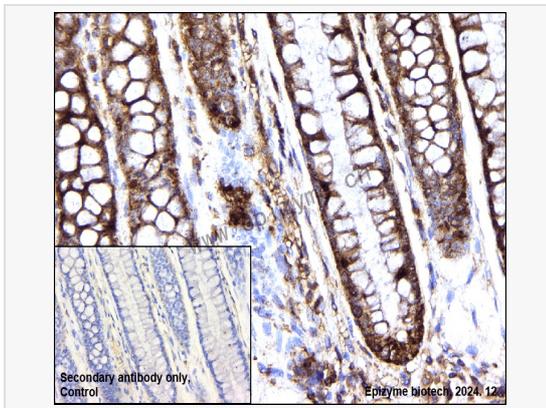
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-GAB1 Rabbit mAb [42M64H17]

Sample: Paraformaldehyde-fixed, paraffin embedded human rectal adenocarcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014551 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.