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**Product Name: Gab 1 Rabbit Polyclonal Antibody****Catalog #: APRab11223**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Rabbit polyclonal Antibody  |
| <b>Host</b>          | Rabbit  |
| <b>Application</b>   | WB,ICC/IF,ELISA   |
| <b>Reactivity</b>    | Human,Mouse   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | IgG   |
| <b>Clonality</b>     | Polyclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 1mg/ml  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                       |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| <b>Purification</b>  | Affinity purification   |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000 |
| <b>Molecular Weight</b> | 110<br>83kDa  |

**Antigen Information**

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | GAB1   |
| <b>Alternative Names</b> | GAB1; GRB2-associated-binding protein 1; GRB2-associated binder 1; Growth factor receptor bound protein 2-associated protein 1 |
| <b>Gene ID</b>           | 2549.0   |
| <b>SwissProt ID</b>      | Q13480   |
| <b>Immunogen</b>         | The antiserum was produced against synthesized peptide derived from human GAB1. AA range:611-643                               |

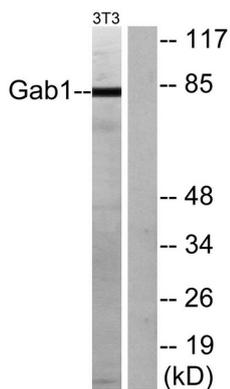
## Background

GRB2 associated binding protein 1(GAB1) Homo sapiens 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],function:Probably involved in EGF and insulin receptor signaling.,PTM:Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2 and with other SH2-containing proteins. Interacts with phosphorylated LAT2.,

## Research Area

ErbB\_HER;Neurotrophin;Renal cell carcinoma;

## Image Data



Western blot analysis of GAB1 (Ab-627) Antibody. The lane on the right is blocked with the GAB1 (Ab-627) peptide.