

## Rabbit anti-Human GAB4 Polyclonal Antibody | anti-GAB4 antibody

GAB4 Antibody (N-term)

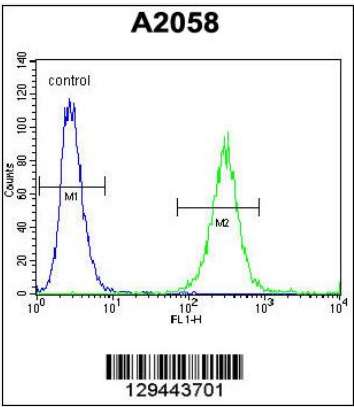
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA287503 | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA, Western Blot |

### PRODUCT SYNONYMS

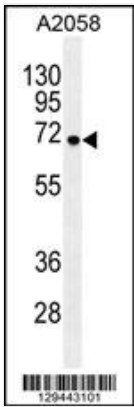
GAB4; Polyclonal Antibody; GAB4 Antibody (N-term); GRB2-associated-binding protein 4; GRB2-associated binder 2-like; GAB2-like; GRB2-associated binder 4; GRB2-associated-binding protein 2-like; Growth factor receptor bound protein 2-associated protein 4; anti-GAB4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This GAB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the N-terminal region of human GAB4.           |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                             | 64-92                                                                                                                                                                        |
| Sequence Length                                | 574                                                                                                                                                                          |
| Applicable Applications for anti-GAB4 antibody | FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)                                                                                                                          |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**FCM/FACS (Flow Cytometry)**  
GAB4 Antibody (N-term) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
GAB4 Antibody (N-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the GAB4 antibody detected the GAB4 protein (arrow).

ADDITIONAL INFORMATION

|            |                                              |
|------------|----------------------------------------------|
| References | Trynka, G., et al. Gut 58(8):1078-1083(2009) |
|------------|----------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 83716021                                         |
| NCBI GeneID                      | 128954                                           |
| NCBI Accession #                 | NP_001032903.1                                   |
| NCBI GenBank Nucleotide #        | NM_001037814.1                                   |
| UniProt Accession #              | Q2WGN9                                           |
| Molecular Weight                 | 62367                                            |
| NCBI Official Full Name          | GRB2-associated-binding protein 4                |
| NCBI Official Synonym Full Names | GRB2-associated binding protein family, member 4 |
| NCBI Official Symbol             | GAB4                                             |
| NCBI Protein Information         | GRB2-associated-binding protein 4                |
| UniProt Protein Name             | GRB2-associated-binding protein 4                |
| UniProt Gene Name                | <b>GAB4</b>                                      |
| UniProt Synonym Gene Names       | GAB2-like                                        |
| UniProt Entry Name               | GAB4_HUMAN                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.