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# GRAP2 Rabbit pAb

Catalog # AP98316

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | O75791 |
| **Other Accession** | O75791 |
| **Reactivity** | Human |
| **Predicted** | Rat, Pig, Mouse, Dog, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 37909 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human GRAP2 |
| **Epitope Specificity** | 101-200/330 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the GRB2/sem-5/DRK family. Contains 1 SH2 domain. Contains 2 SH3 domains. |
| **SUBUNIT** | Interacts with phosphorylated LIME1 upon TCR activation (By similarity). Interacts with phosphorylated LAT and LAX1 upon TCR activation. Interacts with SHB. Interacts with PTPN23. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc. |

## Additional Information

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| **Gene ID** | 9402 |
| **Other Names** | GADS; GRAP-2; GRB2L; GRBLG; GRID; GRPL; GrbX; Grf40; Mona; P38; GRAP2_HUMAN; GRAP2; Adapter protein GRID; GRB-2-like protein (GRB2L); Grf40 adapter protein (Grf-40); Growth factor receptor-binding protein; Hematopoietic cell-associated adapter protein GrpL; Protein GADS; SH3-SH2-SH3 adapter Mona; GRAP2_MOUSE; GADS protein; GRB-2-related monocytic adapter protein (MONA \| Monocytic adapter); Hematopoietic cell-associated adaptor protein GrpL; GRB2 related adaptor protein 2 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | GRAP2 |
| **Synonyms** | GADS, GRB2L, GRID |
| **Function** | Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc. |
| **Cellular Location** | Nucleus. Cytoplasm. Endosome |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.