

**GRAP antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI13387****Specification**

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**GRAP antibody - middle region - Product Information**

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Application       | WB                                                        |
| Primary Accession | <a href="#">Q13588</a>                                    |
| Other Accession   | <a href="#">NM_006613</a> , <a href="#">NP_006604</a>     |
| Reactivity        | Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Chicken, Horse, Bovine, Dog            |
| Host              | Rabbit                                                    |
| Clonality         | Polyclonal                                                |
| Calculated MW     | 25kDa KDa                                                 |

**GRAP antibody - middle region - Additional Information****Gene ID** 10750

|                                    |          |
|------------------------------------|----------|
| Alias Symbol                       | MGC64880 |
| <b>Other Names</b>                 |          |
| GRB2-related adapter protein, GRAP |          |

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-GRAP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

GRAP antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**GRAP antibody - middle region - Protein Information****Name** GRAP ([HGNC:4562](#))**Function**

Couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway. Plays a role in the inner ear and in hearing (PubMed:&lt;a href="http://www.uniprot.org/citations/30610177" target="\_blank"&gt;30610177&lt;/a&gt;).

**Cellular Location**

Membrane {ECO:0000250|UniProtKB:Q08012}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q08012}. Synapse {ECO:0000250|UniProtKB:Q08012}. Note=Localizes

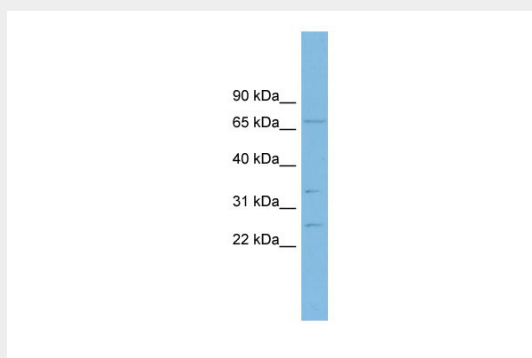
at the presynaptic terminal. {ECO:0000250|UniProtKB:Q08012}

### **GRAP antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GRAP antibody - middle region - Images**



WB Suggested Anti-GRAP Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: THP-1 cell lysate

### **GRAP antibody - middle region - References**

- Feng G.-S., et al. J. Biol. Chem. 271:12129-12132(1996).  
Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.  
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.  
Zody M.C., et al. Nature 440:1045-1049(2006).  
Zhang W., et al. Cell 92:83-92(1998).