

# GRAP Rabbit pAb

Catalog No.: A15391

## Basic Information

### Observed MW

36kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

This gene encodes a member of the GRB2/Sem5/Drk family and functions as a cytoplasmic signaling protein which contains an SH2 domain flanked by two SH3 domains. The SH2 domain interacts with ligand-activated receptors for stem cell factor and erythropoietin, and facilitates the formation of a stable complex with the BCR-ABL oncoprotein. This protein also associates with the Ras guanine nucleotide exchange factor SOS1 (son of sevenless homolog 1) through its N-terminal SH3 domain. In general, it couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway.

## Recommended Dilutions

WB 1:200 - 1:2000

## Immunogen Information

### Gene ID

10750

### Swiss Prot

Q13588

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 128-217 of human GRAP (NP\_006604.1).

### Synonyms

DFNB114; GRAP

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

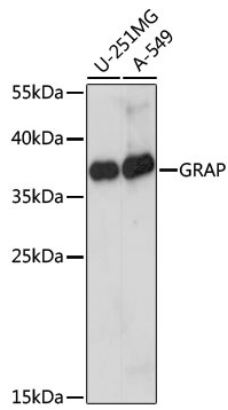
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using GRAP Rabbit pAb (A15391) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.