

Datasheet for ABIN2855869  
**anti-GRAP antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	GRAP
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human GRAP. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to GRAP (GRB2-related adaptor protein) GRAP antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	GRAP
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## Target Details

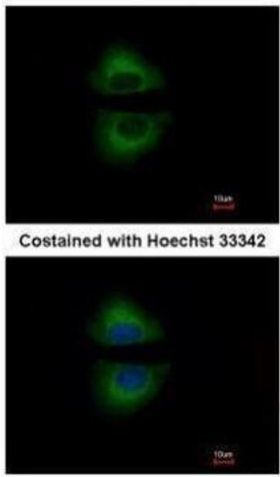
Alternative Name:	GRB2 related adaptor protein ( <a href="#">GRAP Products</a> )
Background:	This gene encodes a member of the GRB2/Sem5/Drk family. This member functions as a cytoplasmic signaling protein which contains an SH2 domain flanked by two SH3 domains. The SH2 domain interacts with ligand-activated 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.
Molecular Weight:	25 kDa
Gene ID:	10750
UniProt:	<a href="#">Q13588</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A549
Restrictions:	For Research Use only

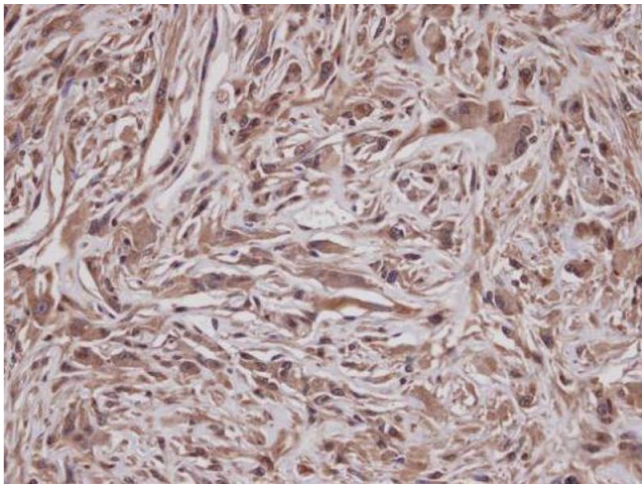
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 40 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



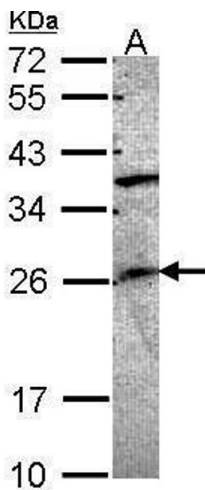
Immunofluorescence

**Image 1.** ICC/IF Image Immunofluorescence analysis of methanol-fixed A549, using GRAP, antibody at 1:500 dilution.



Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded U373 xenograft, using GRAP, antibody at 1:100 dilution.



Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: A549 12% SDS PAGE antibody diluted at 1:1000