

## Product datasheet

# Anti-RAP1GDS1 antibody ab170358

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-RAP1GDS1 antibody
<b>Description</b>	Rabbit polyclonal to RAP1GDS1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human RAP1GDS1 (internal sequence) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Sequence: IAEELVKLFKKQIEHDKREMIFEVLAPLA  Database link: <a href="#">P52306</a>  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	HepG2 and MDA-MB231 cell lysates, Human brain tissue.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99.91% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab170358 is purified through a protein A column, followed by peptide affinity purification
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab170358** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

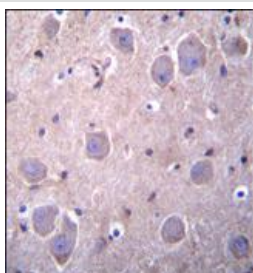
Application	Abreviews	Notes
IHC-P		1/10 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/100 - 1/500. Predicted molecular weight: 66 kDa.

## Target

**Function** Stimulates GDP/GTP exchange reaction of a group of small GTP-binding proteins (G proteins) including Rap1a/Rap1b, RhoA, RhoB and KRas, by stimulating the dissociation of GDP from and the subsequent binding of GTP to each small G protein.

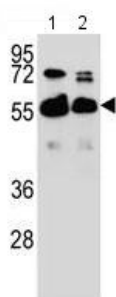
**Sequence similarities** Contains 5 ARM repeats.

## Images



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human brain tissue, labeling RAP1GDS1 using ab170358 at a 1/50 dilution, followed by peroxidase conjugation of the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAP1GDS1 antibody (ab170358)



**All lanes** : Anti-RAP1GDS1 antibody (ab170358) at 1/100 dilution

**Lane 1** : HepG2 cell lysate

**Lane 2** : MDA-MB231 cell lysate

Lysates/proteins at 35 µg per lane.

**Predicted band size:** 66 kDa

Western blot - Anti-RAP1GDS1 antibody (ab170358)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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