

**RRAS2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51840****Specification**

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**RRAS2 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P62070</a> |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 26 KDa                 |
| Antigen Region    | 91 - 150               |

**RRAS2 Antibody - Additional Information****Gene ID** 22800**Other Names**

Ras-related protein R-Ras2, Ras-like protein TC21, Teratocarcinoma oncogene, RRAS2, TC21

**Target/Specificity**

KLH conjugated synthetic peptide derived from human RRAS2

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**RRAS2 Antibody - Protein Information****Name** RRAS2 ([HGNC:17271](#))**Synonyms** TC21**Function**

GTP-binding protein with GTPase activity, involved in the regulation of MAPK signaling pathway and thereby controlling multiple cellular processes (PubMed:<a href="http://www.uniprot.org/citations/31130282" target="\_blank">31130282</a>, PubMed:<a href="http://www.uniprot.org/citations/31130285" target="\_blank">31130285</a>, PubMed:<a href="http://www.uniprot.org/citations/39809765" target="\_blank">39809765</a>). Regulates craniofacial development (PubMed:<a href="http://www.uniprot.org/citations/31130282" target="\_blank">31130282</a>, PubMed:<a href="http://www.uniprot.org/citations/31130285" target="\_blank">31130285</a>).

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid- anchor

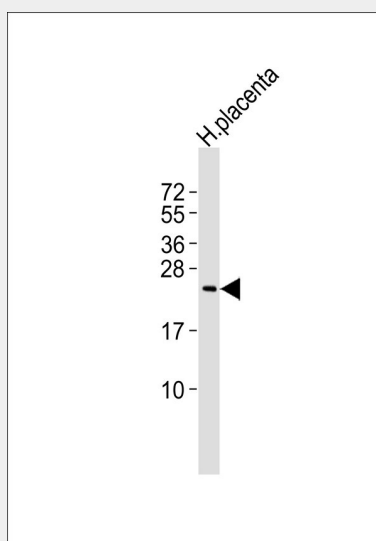
**Tissue Location**

Ubiquitously present in all tissues examined, with the highest levels in heart, placenta, and skeletal muscle. Moderate levels in lung and liver; low levels in brain, kidney, and pancreas

**RRAS2 Antibody - 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](#)

**RRAS2 Antibody - Images**

Anti-RRAS2 Antibody at 1:1000 dilution + human placenta lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

**RRAS2 Antibody - Background**

It is a plasma membrane-associated GTP-binding protein with GTPase activity. Might transduce growth inhibitory signals across the cell membrane, exerting its effect through an effector shared with the Ras proteins but in an antagonistic fashion.

**RRAS2 Antibody - References**

Drivas G.T., et al. Mol. Cell. Biol. 10:1793-1798(1990).  
Chan A.M.-L., et al. Proc. Natl. Acad. Sci. U.S.A. 91:7558-7562(1994).  
Puhl H.L. III, et al. Submitted (MAR-2002) to the EMBL/GenBank/DBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Taylor T.D.,et al.Nature 440:497-500(2006).