

# Product datasheet

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# ARG42669 anti-RRAS2 / TC21 antibody

Package: 100 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes RRAS2 / TC21

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name RRAS2 / TC21

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-204 of Human RRAS2 / TC21 (NP\_036382.2).

Conjugation Un-conjugated

Alternate Names TC21; Teratocarcinoma oncogene; Ras-related protein R-Ras2; Ras-like protein TC21

### **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HT-29 and NIH/3T3	
Observed Size	23 kDa	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol RRAS2

Gene Full Name related RAS viral (r-ras) oncogene homolog 2

Background This gene encodes a member of the R-Ras subfamily of Ras-like small GTPases. The encoded protein

associates with the plasma membrane and may function as a signal transducer. This protein may play an important role in activating signal transduction pathways that control cell proliferation. Mutations in this gene are associated with the growth of certain tumors. Pseudogenes of this gene are found on chromosomes 1 and 2. Alternate splicing results in multiple transcript variants. [provided by RefSeq,

Apr 2010]

Function 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. [UniProt]

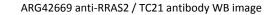
Calculated Mw ~ 23 kDa

PTM May be post-translationally modified by both palmitoylation and polyisoprenylation. [UniProt]

Cell membrane; Lipid-anchor; Cytoplasmic side. Note=Inner surface of plasma membrane possibly with

attachment requiring acylation of the C-terminal cysteine (By similarity with RAS). [UniProt]

## **Images**



Western blot: 25  $\mu g$  of HT-29 cell lysate stained with ARG42669 anti-RRAS2 / TC21 antibody at 1:1000 dilution.



H1-29

#### ARG42669 anti-RRAS2 / TC21 antibody WB image

Western blot: 25  $\mu g$  of NIH/3T3 cell lysate stained with ARG42669 anti-RRAS2 / TC21 antibody at 1:1000 dilution.

