

## Product datasheet for **TA319836**

### RRAS2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal RRAS2 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human RRAS2.
Formulation:	RRAS2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	RRAS2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	related RAS viral (r-ras) oncogene homolog 2
Database Link:	<a href="#">NP_036382</a> <a href="#">Entrez Gene 66922 Mouse</a> <a href="#">Entrez Gene 22800 Human</a> <a href="#">P62070</a>



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**Background:**

RRAS2 Antibody: Activating mutations and overexpression of classical Ras subfamily members (K-RAS, N-RAS and H-RAS) have been widely investigated as key events in the development of human cancers. The RRAS subfamily of Ras-related proteins includes RRAS1, RRAS2 (TC21) and RRAS3 (M-Ras) show overall amino acid identity with the classical Ras subfamily (H-Ras, K-Ras and N-Ras) of 55–60%. RRAS2 is a small GTPbinding protein of the Ras superfamily of GTPases. It might transduce growth inhibitory signals across the cell membrane, exerting its effect through an effector shared with the Ras proteins. RRAS2 has high oncogenic potential and overexpression/mutations have been reported in several tumor tissues and cell lines.

**Synonyms:**

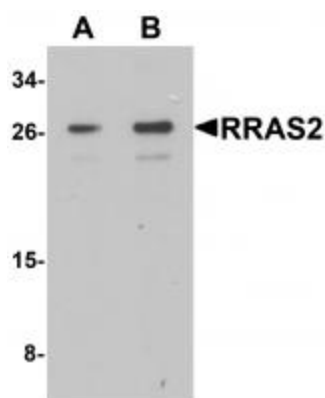
TC21

**Protein Families:**

Druggable Genome

**Protein Pathways:**

MAPK signaling pathway, Regulation of actin cytoskeleton, Tight junction

**Product images:**

Western blot analysis of RRAS2 in Jurkat cell lysate with RRAS2 antibody at (A) 1 and (B) 2 ug/mL