

RRAS2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51840

Product Information

Application	WB
Primary Accession	P62070
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23400

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 encompassing a sequence within the center region of human RRAS2. The exact sequence is proprietary.
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

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: 31130282 , PubMed: 31130285 , PubMed: 39809765). Regulates craniofacial development (PubMed: 31130282 , PubMed: 31130285).
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

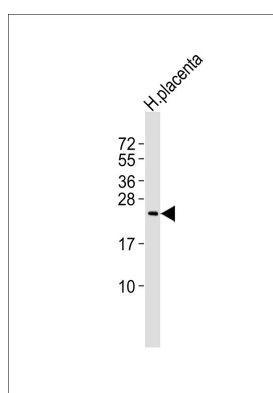
Background

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.

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.