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Anti-RRAS2 Antibody

Catalog # AP51840

Product Information

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

Additional Information

Gene ID	22800
Other Names	TC21; Ras-related protein R-Ras2; Ras-like protein TC21; Teratocarcinoma oncogene
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	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

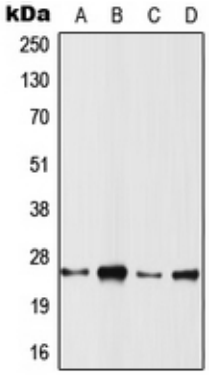
Protein Information

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

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



Western blot analysis of RRAS2 expression in Jurkat (A), A431 (B), MCF7 (C), SP2/0 (D) whole cell lysates.
(Predicted band size: 23 kD; Observed band size: 23 kD)

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