

Product datasheet for TA361453

OriGene Technologies, Inc.

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RASGRP2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human

RASGRP2

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 66 kDa

Gene Name: RAS guanyl releasing protein 2

Database Link: <u>NP 001092140.1</u>

Entrez Gene 10235 Human

Q7LDG7

Background: The protein encoded by this gene is a brain-enriched nucleotide exchanged factor that

contains an N-terminal GEF domain, 2 tandem repeats of EF-hand calcium-binding motifs, and a C-terminal diacylglycerol/phorbol ester-binding domain. This protein can activate small GTPases, including RAS and RAP1/RAS3. The nucleotide exchange activity of this protein can be stimulated by calcium and diacylglycerol. Four alternatively spliced transcript variants

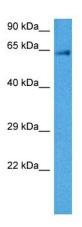
encoding two different isoforms have been found for this gene.



Synonyms: CALDAG-GEFI; CDC25L; HCDC25L; MCG7

Protein Pathways: Chemokine signaling pathway, MAPK signaling pathway

Product images:



Host: Rabbit

Target Name: RASGRP2 Sample Type: 293T Cell Lysate Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: RASGRP2

Sample Tissue: Human 293T Whole Cell lysates

Antibody Dilution: 1ug/ml