

Product datasheet for TA361032

OriGene Technologies, Inc.

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MyoGEF (PLEKHG6) 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

PLEKHG6

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: 89 kDa

Gene Name: pleckstrin homology and RhoGEF domain containing G6

Database Link: <u>NP 001138328.1</u>

Entrez Gene 55200 Human

Q3KR16

Background: Guanine nucleotide exchange factor activating the small GTPase RHOA, which, in turn,

induces myosin filament formation. Also activates RHOG. Does not activate RAC1, or to a much lower extent than RHOA and RHOG. Part of a functional unit, involving PLEKHG6, MYH10 and RHOA, at the cleavage furrow to advance furrow ingression during cytokinesis. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical

pole. Along with EZR, required for normal macropinocytosis.

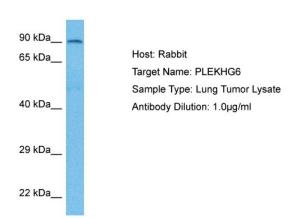




Synonyms:

FLJ10665; MGC126315; MGC126353; MGC126354; MyoGEF

Product images:



Host: Rabbit

Target Name: PLEKHG6

Sample Tissue: Human Lung Tumor lysates

Antibody Dilution: 1ug/ml