

Product datasheet for TA357571

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Arhgef4 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Mouse Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N-terminal region of Mouse

Arhgef4

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat

Homology: Cow: 79%; Dog: 93%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 86%;

Rabbit: 100%; Rat: 100%

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: 57kDa

Gene Name: Rho guanine nucleotide exchange factor (GEF) 4

Database Link: NP 898840

Entrez Gene 226970 Mouse

Q7TNR9





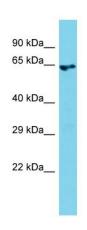
Background: Arhgef4 acts as guanine nucleotide exchange factor (GEF) for RHOA, RAC1 and CDC42

GTPases. Binding of APC may activate RAC1 GEF activity. The APC-ARHGEF4 complex seems to be involved in cell migration as well as in E-cadherin-mediated cell-cell adhesion By similarity. It is required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Arhgef4 is involved in tumor angiogenesis and may play a role in intestinal adenoma

formation and tumor progression.

Synonyms: ASEF; ASEF1; GEF4; KIAA1112; STM6

Product images:



Host: Rabbit

Target Name: Arhgef4

Sample Type: Mouse Testis lysates Antibody Dilution: 1.0ug/ml