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Anti-RIMKLB Antibody

Catalog # AP60507

Product Information

Application	WB, IF/IC
Primary Accession	Q9ULI2
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42464

Additional Information

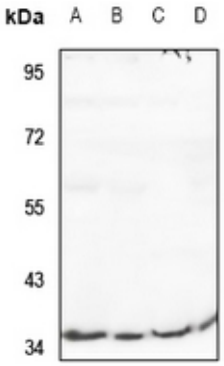
Gene ID	57494
Other Names	FAM80B; KIAA1238; Beta-citrylglutamate synthase B; N-acetyl-aspartylglutamate synthetase B; NAAG synthetase B; NAAGS; Ribosomal protein S6 modification-like protein B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RIMKLB. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
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

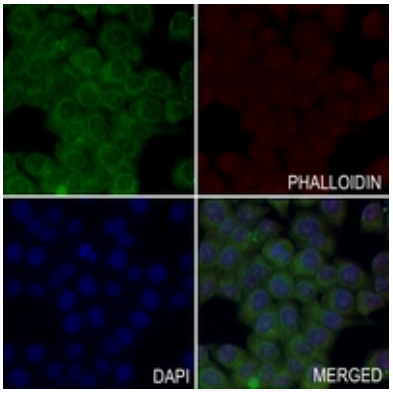
Name	RIMKLB
Synonyms	FAM80B, KIAA1238
Function	Catalyzes the synthesis of beta-citryl-L-glutamate and N-acetyl-L-aspartyl-L-glutamate. Beta-citryl-L-glutamate is synthesized more efficiently than N-acetyl-L-aspartyl-L-glutamate.
Cellular Location	Cytoplasm.

Images

Western blot analysis of RIMKLB expression in LO2 (A),



A549 (B), CT26 (C), PC12 (D) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 35 kD)



Immunofluorescent analysis of RIMKLB staining in LO2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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