

LAMTOR3 Rabbit pAb

Catalog No.: A7573 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

14kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogen-activated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2. Studies of the orthologous gene in mouse indicate that it regulates late endosomal traffic and cell proliferation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 13.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

8649

Swiss Prot

Q9UHA4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-124 of human LAMTOR3 (NP_068805.1).

Synonyms

MPI; MAPBP; MAPKSP1; PRO0633; MAP2K1IP1; Ragulator3; LAMTOR3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.