

PACO43574

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

As part of the Ragulator complex it is involved in amino acid, sensing and activation of mTORC1, a signaling complex promoting cell growth in response to growth factors, energy levels, and amino acid, . Activated by amino acid, through a mechanism involving the lysosomal V-ATPase, the Ragulator functions as a guanine nucleotide exchange factor activating the small GTPases Rag. Activated Ragulator and Rag GTPases function as a scaffold recruiting mTORC1 to lysosomes where it is in turn activated. Adapter protein that enhances the efficiency of the MAP kinase cascade facilitating the activation of MAPK2.

Gene ID:

LAMTOR3

Uniprot

Q9UHA4

Synonyms:

Ragulator complex protein LAMTOR3 (Late endosomal/lysosomal adaptor and MAPK and MTOR activator 3) (MEK-binding partner 1) (Mp1) (Mitogen-activated protein kinase kinase 1-interacting protein 1) (Mitogen-activated protein kinase scaffold protein 1), LAMTOR3, MAP2K1IP1 MAPKSP1

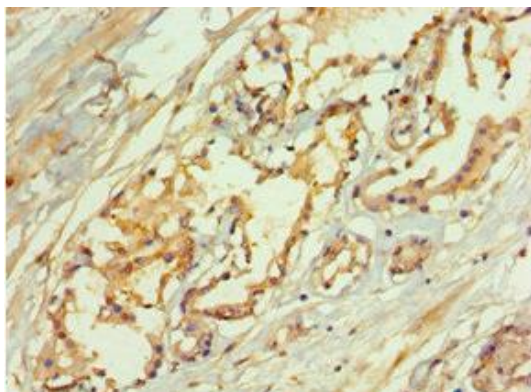
Immunogen:

Recombinant Human Ragulator complex protein LAMTOR3 protein (1-124AA).

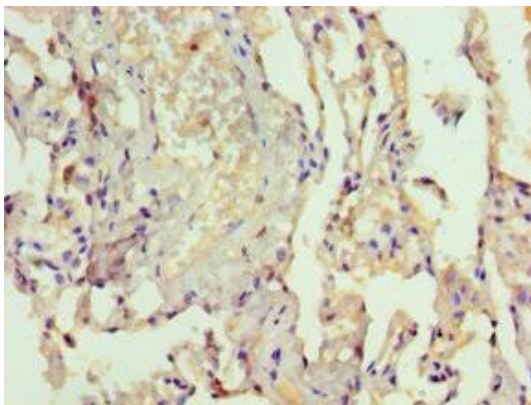
Storage:

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

Product Images



Immunohistochemistry of paraffin-embedded human prostate tissue using PACO43574 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human lung tissue using PACO43574 at dilution of 1:100.