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anti-MAPKSP1 antibody (AA 1-124)

Images



Overview

Quantity:	100 μL
Target:	MAPKSP1
Binding Specificity:	AA 1-124
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKSP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ragulator complex protein LAMTOR3 protein (1-124AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	MAPKSP1
Alternative Name:	LAMTOR3 (MAPKSP1 Products)
Background:	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 acids. Activated by amino acids 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. Aliases: LAMTOR3 antibody, Late endosomal/lysosomal adaptor and MAPK and MTOR activator 3 antibody, LTOR3_HUMAN antibody, MAP2K1IP1 antibody, MEK binding partner 1 antibody, MEK partner 1 antibody, MEK-binding partner 1 antibody, Mitogen activated protein kinase kinase 1 interacting protein 1 antibody, Mitogen-activated protein kinase scaffold protein 1 antibody, Mp1 antibody, Ragulator complex protein LAMTOR3 antibody

UniProt:

09UHA4

Pathways:

PI3K-Akt Signaling

Application Details

Application Notes:

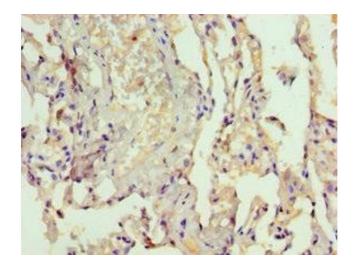
Recommended dilution: IHC:1:20-1:200,

Restrictions:

For Research Use only

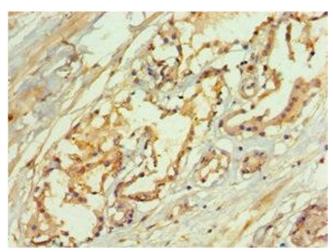
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7167072 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human prostate tissue using ABIN7167072 at dilution of 1:100