

## RPS6KA4 Polyclonal Antibody

Catalog No: #27300

Package Size: #27300-1 50ul #27300-2 100ul

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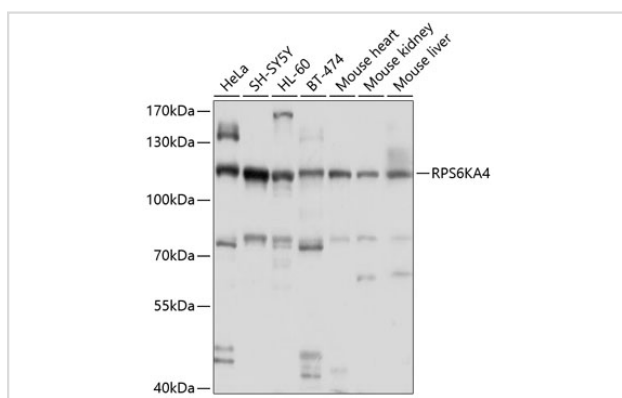
## Description

Product Name	RPS6KA4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human RPS6KA4 (NP_003933.1).
Other Names	RPS6KA4; MSK2; RSK-B; S6K-alpha-4; ribosomal protein S6 kinase A4
Accession No.	Swiss-Prot#:O75676NCBI Gene ID:8986
Uniprot	O75676
GeneID	8986;
Calculated MW	115kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

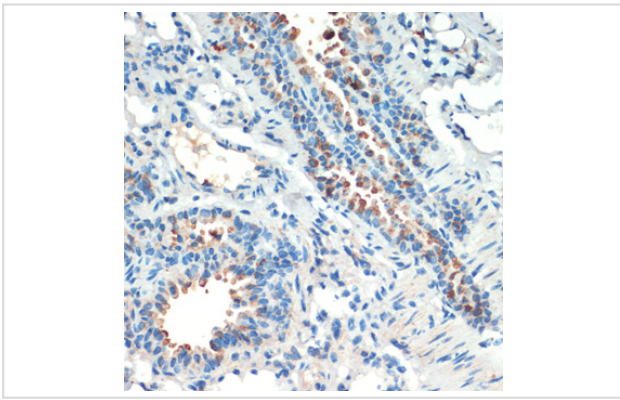
## Application Details

WB □ 1:200 - 1:1000 IHC □ 1:20 - 1:100 IF □ 1:20 - 1:100

## Images



Western blot analysis of extracts of various cell lines, using RPS6KA4 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded mouse lung using RPS6KA4 at dilution of 1:200 (40x lens).

## Background

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including CREB1 and ATF1. The encoded protein can also phosphorylate histone H3 to regulate certain inflammatory genes. Several transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only