

AP0800

Leader in Biomolecular Solutions for Life Science



# Phospho-RPS6KA5-S376 Rabbit pAb

Catalog No.: AP0800

## Basic Information

### Observed MW

90kDa

### Calculated MW

90kDa

### Category

Polyclonal Antibody

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables ATP binding activity and protein serine/threonine kinase activity. Involved in several processes, including histone-serine phosphorylation; positive regulation of histone modification; and regulation of transcription, DNA-templated. Located in cytoplasm and nucleoplasm.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100

## Immunogen Information

### Gene ID

9252

### Swiss Prot

O75582

### Immunogen

A synthetic phosphorylated peptide around S376 of human RPS6KA5 (NP\_004746.2).

### Synonyms

MSK1; RLPK; MSPK1; Phospho-RPS6KA5-S376

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

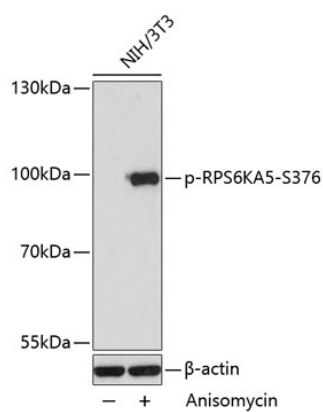
Affinity purification

### Storage

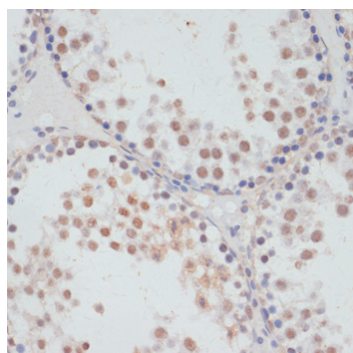
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

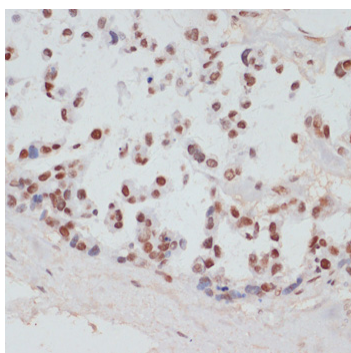
## Validation Data



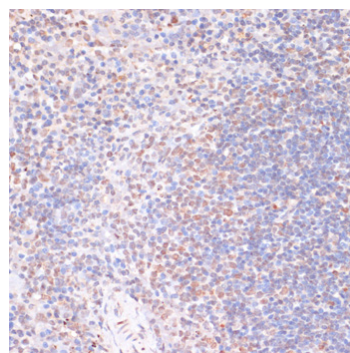
Western blot analysis of lysates from NIH/3T3 cells, using Phospho-RPS6KA5-S376 Rabbit pAb (AP0800) at 1:2000 dilution. NIH/3T3 cells were treated by Anisomycin (25 $\mu$ g/mL) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry analysis of Phospho-RPS6KA5-S376 in paraffin-embedded rat testis using Phospho-RPS6KA5-S376 Rabbit pAb (AP0800) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Phospho-RPS6KA5-S376 in paraffin-embedded human gastric cancer using Phospho-RPS6KA5-S376 Rabbit pAb (AP0800) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Phospho-RPS6KA5-S376 in paraffin-embedded mouse spleen using Phospho-RPS6KA5-S376 Rabbit pAb (AP0800) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.