

# STK39 Rabbit pAb

Catalog No.: A7974

## Basic Information

### Observed MW

59kDa

### Calculated MW

59kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

27347

### Swiss Prot

Q9UEW8

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 500-600 of human STK39 (Q9UEW8).

### Synonyms

DCHT; PASK; SPAK; STK39

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

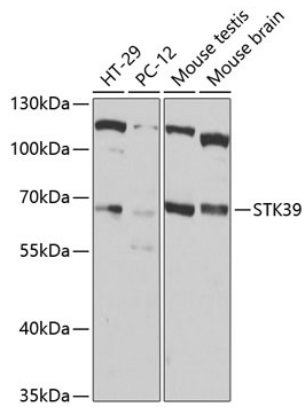
### Storage

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

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

## Validation Data

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Western blot analysis of extracts of various cell lines, using STK39 antibody (A7974) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.