

AP0051

Leader in Biomolecular Solutions for Life Science



# Phospho-ERK3-S189 Rabbit pAb

Catalog No.: AP0051

## Basic Information

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### Observed MW

120kDa

### Calculated MW

83kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

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The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters.

## Recommended Dilutions

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WB 1:500 - 1:2000

## Immunogen Information

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### Gene ID

5597

### Swiss Prot

Q16659

### Immunogen

A synthetic phosphorylated peptide around S189 of human ERK3 (NP\_002739.1).

### Synonyms

ERK3; PRKM6; p97MAPK; HsT17250; Phospho-ERK3-S189

## Contact

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

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

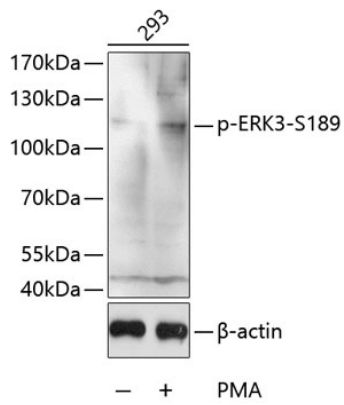
Affinity purification

### Storage

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

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

## Validation Data



Western blot analysis of extracts of 293 cells, using Phospho-ERK3-S189 antibody (AP0051) at 1:1000 dilution. 293 cells were treated by PMA/TPA (200nM) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.