

Phospho-STK3/STK4-T180/T183 Rabbit pAb

Catalog No.: AP1094

3 Publications

Basic Information

Observed MW

59kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a serine/threonine protein kinase activated by proapoptotic molecules indicating the encoded protein functions as a growth suppressor. Cleavage of the protein product by caspase removes the inhibitory C-terminal portion. The N-terminal portion is transported to the nucleus where it homodimerizes to form the active kinase which promotes the condensation of chromatin during apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

6788/6789

Swiss Prot

Q13188/Q13043

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

KRS1; MST2; KRS2; MST1; YSK3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

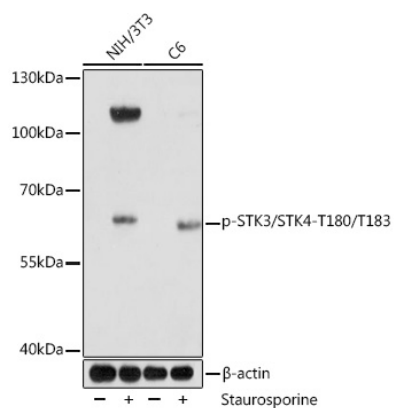
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using Phospho-STK3/STK4-T180/T183 Rabbit pAb (AP1094) at 1:1000 dilution. NIH/3T3 cells and C6 cells were treated with Staurosporine(1uM) at room temperature for 3 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.