

STK3/MST2 Rabbit pAb

Catalog No.: A6992 **1 Publications**

Basic Information

Observed MW

65kDa, 37kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

6788

Swiss Prot

Q13188

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 323-450 of human STK3/MST2 (NP_006272.2).

Synonyms

KRS1; MST2; STK3/MST2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

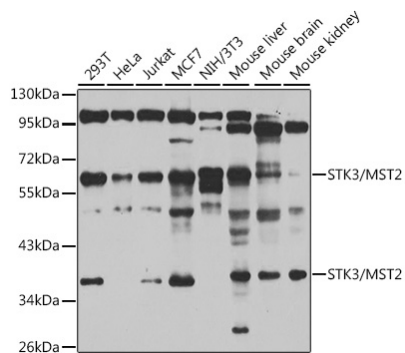
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of various cell lines, using STK3/MST2 antibody (A6992) at 1:1000 dilution.

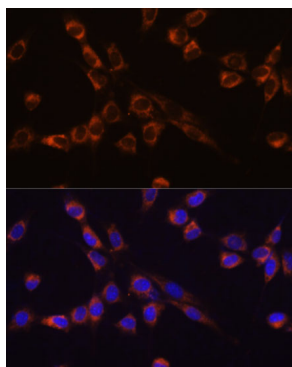
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunofluorescence analysis of NIH-3T3 cells using STK3/MST2 Polyclonal Antibody (A6992) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.