

Product datasheet for TA382129

STK3 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 323-450 of

human STK3/MST2 (NP_006272.2).

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

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

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

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 56kDa/59kDa

Gene Name: serine/threonine kinase 3

Database Link: Entrez Gene 6788 Human

Q13188

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.



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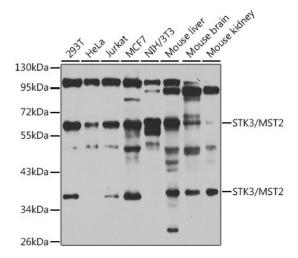
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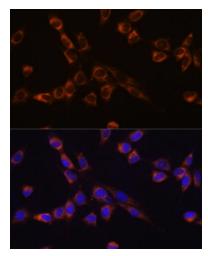
Synonyms:

FLJ90748; KRS1; MST-2; MST2

Product images:



Western blot analysis of extracts of various cell lines, using STK3/MST2 antibody (TA382129) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 60s.



Immunofluorescence analysis of NIH-3T3 cells using STK3/MST2 Polyclonal Antibody (TA382129) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.