

## Product datasheet for **TA382131**

### STK3 Rabbit Polyclonal Antibody

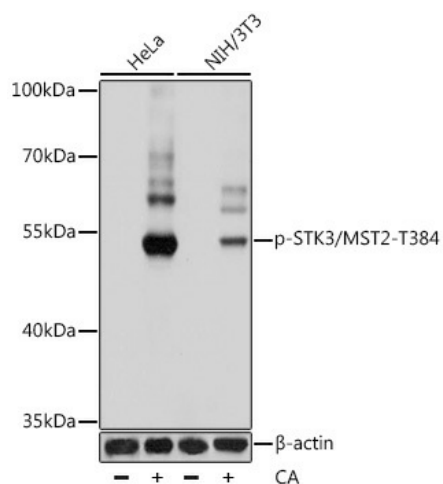
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB,1:500 - 1:2000   |
| Reactivity:             | Human, Mouse, Rat   |
| Modifications:          | Phospho T384  |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | A phospho specific peptide corresponding to residues surrounding T384 of human STK3/MST2.   |
| 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   |
| Gene Name:              | serine/threonine kinase 3   |
| Database Link:          | <a href="#">Entrez Gene 6788 Human Q13188</a>   |
| 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. |
| Synonyms:               | FLJ90748; KRS1; MST-2; MST2   |



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## Product images:



Western blot analysis of extracts of various cell lines, using Phospho-STK3/MST2-T384 antibody (TA382131) at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Basic Kit. | Exposure time: 1s.