

## STK3 recombinant antibody

STK3 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                                                                       |
|-----------|--------|-------------------|------------------------------------------------------------------------------------------------------------------------------------|
| AAA315264 | Rabbit | Human, Mouse, Rat | Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

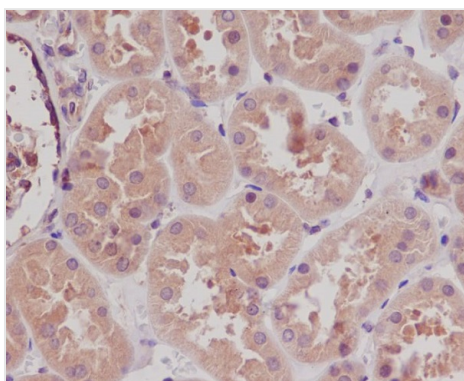
### PRODUCT SYNONYMS

STK3; Monoclonal Recombinant Antibody; STK3 Rabbit mAb; Mess1; MST-2; MST2; Serine/threonine kinase 3; KRS1; STE20-like kinase MST2; STK3 recombinant antibody

### PRODUCT SPECIFICATIONS

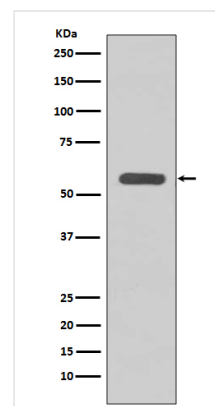
|                                                       |                                                                                                                                                        |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                                                                                 |
| Reactivity                                            | Human, Mouse, Rat                                                                                                                                      |
| Clonality                                             | Monoclonal                                                                                                                                             |
| Isotype                                               | Rabbit IgG                                                                                                                                             |
| Specificity                                           | STK3 Antibody detects endogenous levels of STK3                                                                                                        |
| Purity/Purification                                   | Affinity-chromatography                                                                                                                                |
| Form/Format                                           | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                       |
| Applicable Applications for STK3 recombinant antibody | FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                             | A synthesized peptide derived from human STK3                                                                                                          |
| Preparation and Storage                               | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.                                                             |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human kidney, using STK3 Antibody.



**WB (Western Blot)**

Western blot analysis of STK3 expression in HeLa cell lysate.

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for STK3 recombinant antibody | Stress-activated, pro-apoptotic kinase which, following caspase-cleavage, enters the nucleus and induces chromatin condensation followed by internucleosomal DNA fragmentation. Key component of the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. |
| Product Categories/Family for STK3 recombinant antibody   | Recombinant Rabbit Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 372622373                                      |
| NCBI GeneID                      | 6788                                           |
| NCBI Accession #                 | NP_001243241.1                                 |
| NCBI GenBank Nucleotide #        | NM_001256312.1                                 |
| UniProt Accession #              | Q13188; Q15445; Q15801; Q96FM6; A8K722; B3KYA7 |
| Molecular Weight                 | 59,462 Da                                      |
| NCBI Official Full Name          | serine/threonine-protein kinase 3 isoform 2    |
| NCBI Official Synonym Full Names | serine/threonine kinase 3                      |
| NCBI Official Symbol             | STK3                                           |
| NCBI Official Synonym Symbols    | KRS1; MST2                                     |
| NCBI Protein Information         | serine/threonine-protein kinase 3              |
| UniProt Protein Name             | Serine/threonine-protein kinase 3              |
| UniProt Gene Name                | STK3                                           |
| UniProt Synonym Gene Names       | KRS1; MST2; MST-2; MST2/N; MST2/C              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/stk3-recombinant-antibody-flow-cytometry-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315264>