

## Rabbit anti-Human, Mouse STK3/STK4 Polyclonal Antibody | anti-STK3/STK4 antibody

STK3/STK4 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA304424 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

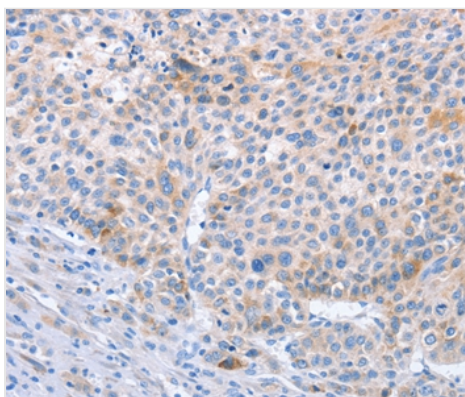
### PRODUCT SYNONYMS

STK3/STK4; Polyclonal Antibody; STK3/STK4 Antibody; KRS1; MST2/KRS2; MST1; YSK3; TIIAC; anti-STK3/STK4 antibody

### PRODUCT SPECIFICATIONS

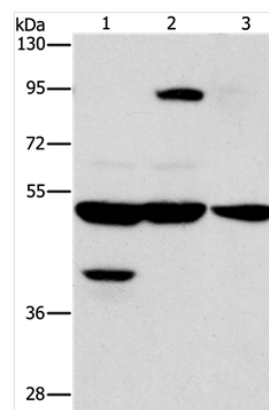
|                                                     |                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                                          |
| Reactivity                                          | Human, Mouse                                                                                                    |
| Clonality                                           | Polyclonal                                                                                                      |
| Specificity                                         | The antibody detects endogenous levels of total STK3/STK4 protein.                                              |
| Purity/Purification                                 | Antigen affinity purification.                                                                                  |
| Form/Format                                         | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                 |
| Concentration                                       | 3 mg/ml (varies by lot)                                                                                         |
| Sequence Length                                     | 487                                                                                                             |
| Applicable Applications for anti-STK3/STK4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                   |
| Immunogen Type                                      | Peptide                                                                                                         |
| Immunogen Description                               | Synthetic peptide corresponding to a region derived from internal residues of human serine threonine kinase 3/4 |
| Target Name                                         | STK3-STK4                                                                                                       |
| Preparation and Storage                             | Store at -20 degree C                                                                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/70.



#### Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Human bladder carcinoma tissue and A172 cell, human brain malignant glioma tissue Amount of lysate: 40ug per lane Primary antibody: 1/1000 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-STK3/STK4 antibody | Sterile-20 (Ste20) is a serine/threonine kinase in Saccharomyces cerevisiae that is involved in relaying signals from G protein-coupled receptors to cyto-solic MAP kinase cascades. Mammalian protein kinases that display sequence similarity to Ste20 are divided into two groups, the PAK subfamily and the GCK subfamily. The mammalian Ste20-like kinases (MST kinases), also known as Krs proteins, are members of the GCK subfamily. Ksr-1 (MST-2) and Ksr-2 (MST-1) are both direct substrates of caspase-3 that accelerate caspase-3 activation. |
| Product Categories/Family for anti-STK3/STK4 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 5454096                                                        |
| NCBI GeneID                      | 6789                                                           |
| NCBI Accession #                 | NP_006273.1                                                    |
| NCBI GenBank Nucleotide #        | NM_006282.2                                                    |
| UniProt Accession #              | Q13043; Q15802; Q4G156; Q5H982; Q6PD60; Q9BR32; Q9NTZ4; B2RCR8 |
| Molecular Weight                 | 52,335 Da                                                      |
| NCBI Official Full Name          | serine/threonine-protein kinase 4                              |
| NCBI Official Synonym Full Names | serine/threonine kinase 4                                      |
| NCBI Official Symbol             | STK4                                                           |
| NCBI Official Synonym Symbols    | KRS2; MST1; YSK3; TIIAC                                        |
| NCBI Protein Information         | serine/threonine-protein kinase 4                              |
| UniProt Protein Name             | Serine/threonine-protein kinase 4                              |
| UniProt Gene Name                | STK4                                                           |
| UniProt Synonym Gene Names       | KRS2; MST1; MST-1; MST1/N; MST1/C                              |
| UniProt Entry Name               | STK4_HUMAN                                                     |

**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://www.aaabiotech.com/polyclonal/stk3-stk4-antibody-immunohistochemistry-western-blot-elisa/304424>