

## Rabbit anti-Human STK4 Polyclonal Antibody | anti-STK4 antibody

STK4 Antibody: ATTO 488

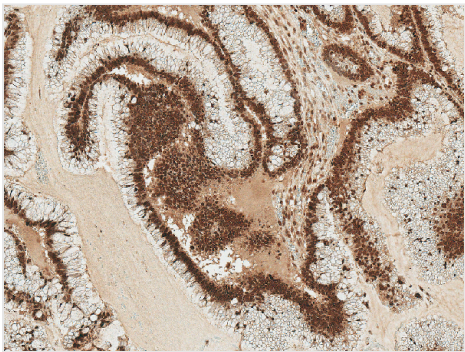
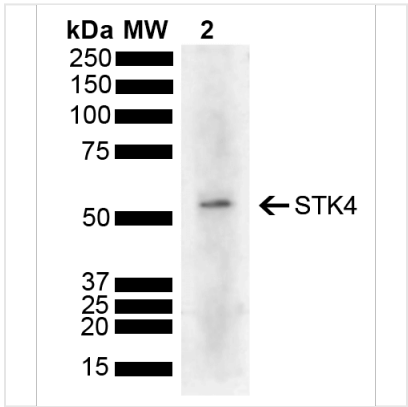
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS |
|-----------|--------|------------|--------------|
| AAA253906 | Rabbit | Human      | Western Blot |

### PRODUCT SYNONYMS

STK4; Polyclonal Antibody; STK4 Antibody: ATTO 488; Rabbit Anti-Human STK4 Polyclonal; Serine/threonine-protein kinase 4 Antibody; YSK3 Antibody; STE20-like kinase MST1 Antibody; MST-1 Antibody; Mammalian sterile 20 like 1 Antibody; TIIAC Antibody; MST1 Antibody; Krs2 Antibody; Mammalian STE20 like protein kinase 1 Antibody; EC:2.7.11.1 Antibody; Serine/threonine protein kinase Krs 2 Antibody; Kinase responsive to stress Antibody; STK4 Antibody; KRS2 Antibody; MST1/C Antibody; STE20 like kinase MST1 Antibody; Mammalian STE20-like protein kinase 1 Antibody; MST1/N Antibody; Serine/threonine kinase 4 Antibody; Serine/threonine-protein kinase Krs-2 Antibody; STK4\_HUMAN Antibody; anti-STK4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Detects 55 kDa.                                                                                                                     |
| Purity/Purification                            | Peptide Affinity Purified                                                                                                           |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                             |
| Sequence Length                                | 487                                                                                                                                 |
| Applicable Applications for anti-STK4 antibody | WB (Western Blot)                                                                                                                   |
| Target                                         | STK4                                                                                                                                |
| Immunogen                                      | Synthetic peptide from the C-terminal of Human Serine/threonine-protein kinase 4 (aa. 320-420)                                      |
| Immunogen Species                              | Human                                                                                                                               |
| Cellular Localization                          | Cytoplasm; Nucleus                                                                                                                  |
| Conjugate                                      | ATTO 488                                                                                                                            |
| Storage Buffer                                 | PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide                                                                                        |
| Tissue Specificity                             | Expressed in prostate cancer and levels increase from the normal to the malignant state (at protein level). Ubiquitously expressed. |
| Preparation and Storage                        | Store at -20 degree C.                                                                                                              |



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis using Rabbit Anti-STK4 Polyclonal Antibody . Tissue: Colon Cancer. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-STK4 Polyclonal Antibody at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.

**WB (Western Blot)**  
Western blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of 55.6 kDa STK4 protein using Rabbit Anti-STK4 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa . Load: 10 ug. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-STK4 Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: 55.6 kDa.

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-STK4 antibody | Antibodies; Cell Signaling; Protein Phosphorylation; Serine/Threonine Kinases; Cardiovascular System; Atherosclerosis; Heart; Hypertrophy |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

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

**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.