

## Product datasheet for **TA346751**

### STK3 Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | IHC, WB  |
| Recommended Dilution:   | WB, IHC  |
| Reactivity:             | Human, Mouse   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | The immunogen for anti-STK3 antibody: synthetic peptide directed towards the C terminal of human STK3. Synthetic peptide located within the following region:<br>IEHNSTMLES DLGTMVINSEDEEEEDGTMKR NATSPQVQRPSFMDYFDKQ  |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>  |
| Purification:           | Protein A purified   |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 56 kDa   |
| Gene Name:              | serine/threonine kinase 3  |
| Database Link:          | <a href="#">NP_006272</a><br><a href="#">Entrez Gene 56274 Mouse</a> <a href="#">Entrez Gene 6788 Human</a><br><a href="#">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. [provided by RefSeq, Jan 2012] |



[View online »](#)

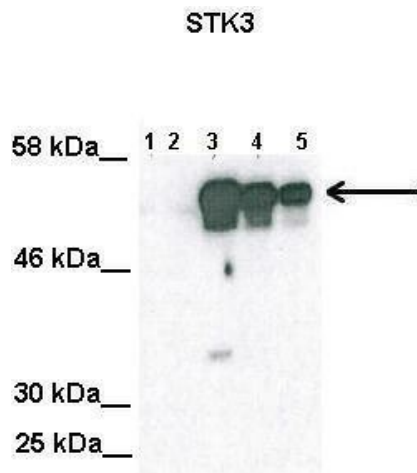
**Synonyms:** KRS1; MST2

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 77%

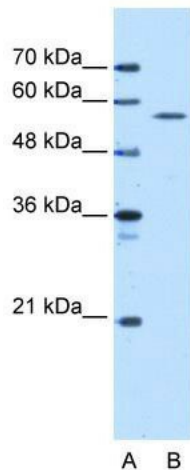
**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** MAPK signaling pathway

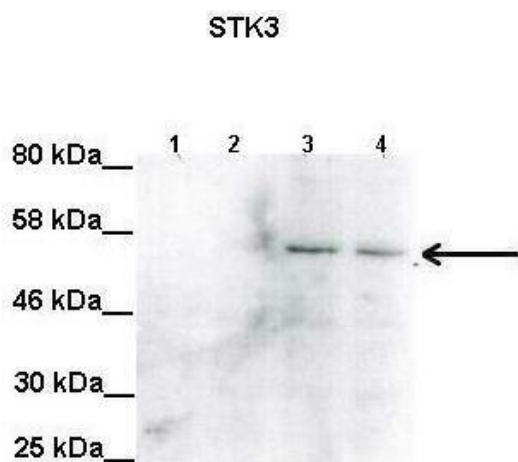
**Product images:**



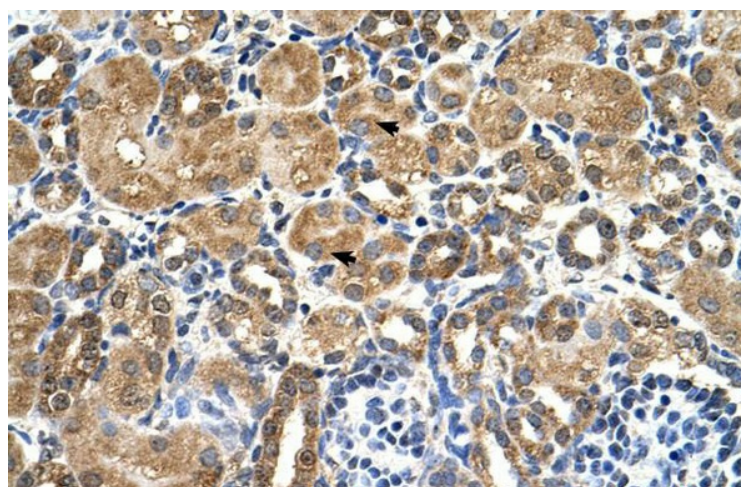
Lanes: Lane 1: 100ug untransfected COS-7 lysate; Lane 2: 100ug mock transfected Cos-7 lysate; Lane 3: 100ug STK3 transfected Cos-7 lysate; Lane 4: 50 ug STK3 transfected Cos-7 lysate; Lane 5: 25 ug STK3 transfected Cos-7 lysate; Primary Antibody Dilution: 1: 2000; Secondary Antibody: Anti-rabbit HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: STK3;



WB Suggested Anti-STK3 Antibody Titration: 5.0 ug/ml; Positive Control: HepG2 cell lysate



Lanes: Lane 1: 100ug uninduced RPE-1 lysate; Lane 2: 100ug uninduced RPE-1 lysate; Lane 3: 100ug STK3 induced RPE-1 lysate; Lane 4: 100ug STK3 induced RPE-1 lysate; Primary Antibody Dilution: 1: 2000; Secondary Antibody: Anti-rabbit HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: STK3;



Rabbit Anti-STK3 Antibody; Paraffin Embedded Tissue: Human Kidney; Cellular Data: Epithelial cells of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X