

## Product datasheet for **AP13932PU-N**

### STK31 (N-term) Rabbit Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC, WB  |
| Recommended Dilution: | ELISA 1:1,000.<br>Western blotting 1:100 - 1:500.<br>Immunohistochemistry 1:50 - 1:100.  |
| Reactivity:           | Human, Rat   |
| Host:                 | Rabbit   |
| Isotype:              | Ig   |
| Clonality:            | Polyclonal   |
| Immunogen:            | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human STK31.  |
| Specificity:          | This antibody detects STK31 at N-term.   |
| Formulation:          | PBS with 0.09% (W/V) sodium azide<br>State: Purified<br>State: Liquid Ig fraction  |
| Concentration:        | lot specific   |
| Purification:         | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.   |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | serine/threonine kinase 31   |
| Database Link:        | <a href="#">Entrez Gene 56164 Human Q9BXU1</a>   |
| Background:           | This gene is similar to a mouse gene that encodes a putative protein kinase with a tudor domain, and shows testis-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. |

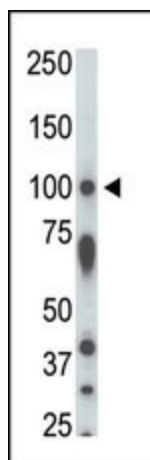


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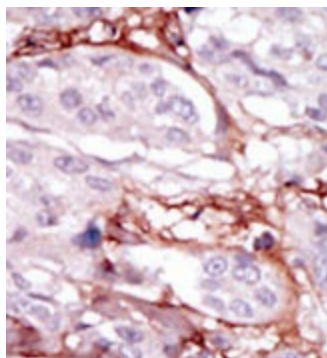
**Synonyms:** Serine/threonine-protein kinase 31, SGK396, Sugen kinase 396, NYD-SPK, TDRD8

**Note:** Molecular weight: 115729 Da

**Product images:**



The anti-STK31 Pab is used in Western blot to detect STK31 in rat testis tissue lysate.



Formalin-fixed and paraffin-embedded human cancer tissue (breast carcinoma) reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.