

**STK31 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7242b****Specification**

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**STK31 Antibody (C-term) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">O9BXU1</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>987-1018</b>

**STK31 Antibody (C-term) - Additional Information****Gene ID** 56164**Other Names**

Serine/threonine-protein kinase 31, Serine/threonine-protein kinase NYD-SPK, Sugen kinase 396, SgK396, STK31, SGK396

**Target/Specificity**

This STK31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 987-1018 amino acids from the C-terminal region of human STK31.

**Dilution**WB~~1:1000  
IHC-P~~1:50~100**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

STK31 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**STK31 Antibody (C-term) - Protein Information****Name** STK31**Synonyms** SGK396

## Tissue Location

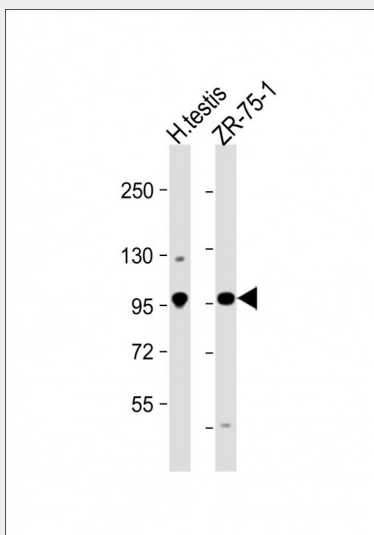
Testis specific.

## STK31 Antibody (C-term) - Protocols

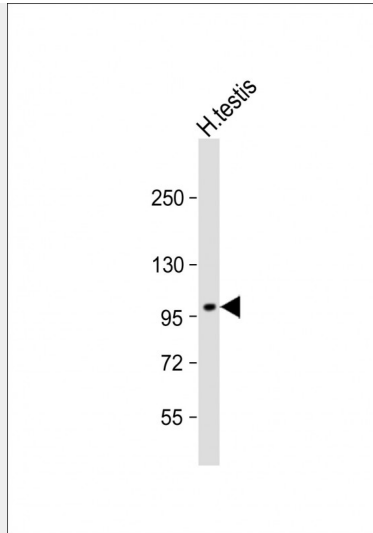
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

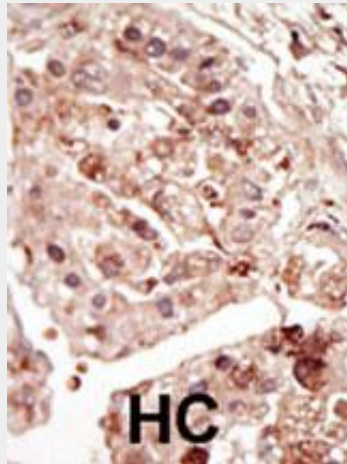
## STK31 Antibody (C-term) - Images



All lanes : Anti-STK31 Antibody (C-term) at 1:1000 dilution Lane 1: human testis lysate Lane 2: ZR-75-1 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 116 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-STK31 Antibody (C-term) at 1:1000 dilution + H. testis whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 116 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human cancer tissue 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. BC = breast carcinoma; HC = hepatocarcinoma.

### STK31 Antibody (C-term) - 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.

### STK31 Antibody (C-term) - References

Wang, P.J., et al., Nat. Genet. 27(4):422-426 (2001).

### STK31 Antibody (C-term) - Citations

- [Prepubertal human spermatogonia and mouse gonocytes share conserved gene expression of germline stem cell regulatory molecules.](#)
- [Characterization of a novel, testis-specific equine serine/threonine kinase.](#)
- [Efficient identification of a novel cancer/testis antigen for immunotherapy using three-step microarray analysis.](#)

