

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

Specification

STK31 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9BXU1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	987-1018

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

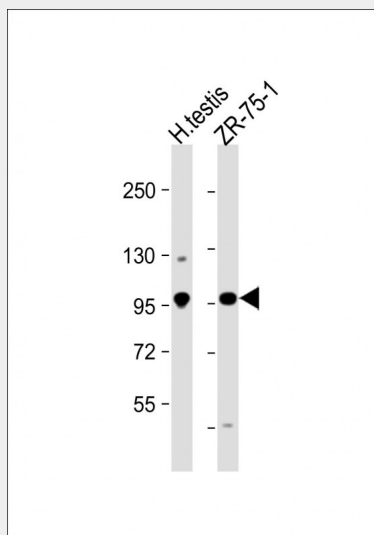
Tissue Location

Testis specific.

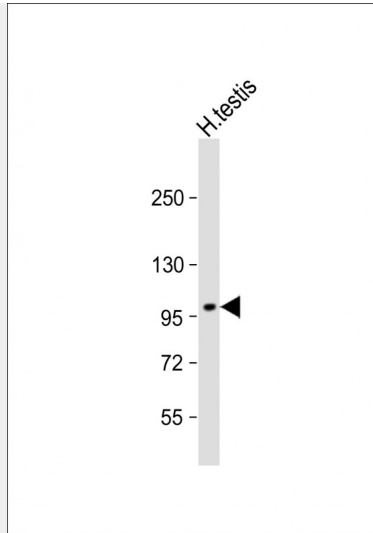
STK31 Antibody (C-term) - Protocols

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

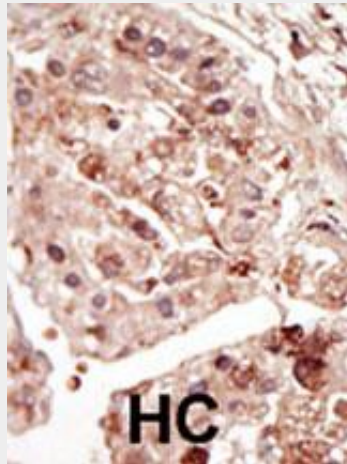
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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 μ 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.](#)

