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STK31 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7242b

Product Information

Application	IHC-P, WB, E
Primary Accession	Q9BXU1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB3571
Calculated MW	115694
Antigen Region	987-1018

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	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	STK31
Synonyms	SGK396
Tissue Location	Testis specific.

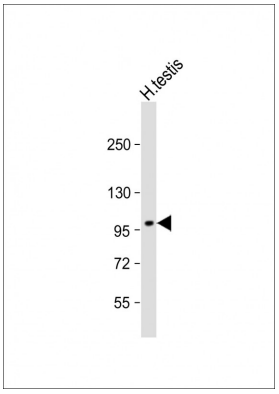
Background

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.

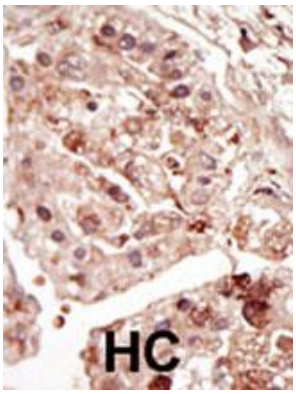
References

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

Images



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.

Citations

- Efficient identification of a novel cancer/testis antigen for immunotherapy using three-step microarray analysis.
- 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.