



Datasheet for ABIN721720
anti-STK31 antibody (AA 201-300)



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1 Image

Overview

Quantity:	100 µL
Target:	STK31
Binding Specificity:	AA 201-300
Reactivity:	Human, Rat, Mouse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK31 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human STK31
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat, Sheep
Purification:	Purified by Protein A.

Target Details

Target:	STK31
Alternative Name:	STK31 (STK31 Products)

Target Details

Background: Synonyms: TDRD8, SGK396, Serine/threonine-protein kinase 31, Serine/threonine-protein kinase NYD-SPK, Sugen kinase 396, STK31

Background: STK31 (Serine/threonine protein kinase 31) 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. Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes.

Gene ID: 56164

UniProt: [Q9BXU1](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 $\mu\text{g}/\mu\text{L}$

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

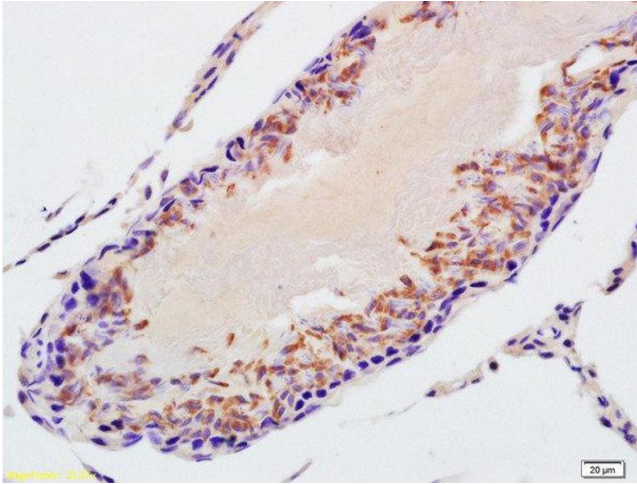
Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat testis labeled with Rabbit Anti-STK31 Polyclonal Antibody, Unconjugated (ABIN721720) at 1:200 followed by conjugation to the secondary antibody and DAB staining