Datasheet for ABIN916718

anti-STK31 antibody (AA 201-300) (AbBy Fluor® 488)

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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 conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)
Background:	Synonyms: TDRD8, SGK396, Serine/threonine-protein kinase 31, Serine/threonine-protein

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Target Details

	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 g 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:	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 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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