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Datasheet for ABIN916715

anti-STK31 antibody (AA 201-300) (Alexa Fluor 350)

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 Alexa Fluor 350 |
| 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 |

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 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: 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: 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