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Datasheet for ABIN2807399

anti-STRAP antibody (AA 51-150) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	STRAP
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STRAP antibody is conjugated to Alexa Fluor 594
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 Unrip
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	STRAP
Alternative Name:	Unrip (STRAP Products)
Background:	Synonyms: MAP activator with WD repeats, MAWD, PTWD, serine/threonine kinase receptor

Target Details

associated protein, STRAP, UNR-interacting protein, UNRIP, WD 40 repeat protein PT WD, STRAP_HUMAN.

Background: Unrip is part of the SMN complex that plays a role in snRNP assembly in the cytoplasm and pre mRNA splicing in the nucleus. Unrip interacts directly with Gemin 6 and Gemin 7 in the SMN complex. It is associated with the complex in the cytoplasm but not in the nucleus and thus is thought to play a role in it's subcellular localisation. It is a ubiquitously expressed protein that acts as an inhibitor of TGF-beta signaling and an important regulator of cell proliferation. Stable expression of STRAP results in activation of the mitogen-activated protein kinase/extracellular signal-regulated kinase pathway and in down-regulation of the cyclin-dependent kinase inhibitor p21 (Cip1), which results in retinoblastoma protein hyperphosphorylation. Upregulation of STRAP might play a role in tumor development as an early event for colorectal cancers. It is the first component of the U snRNP assembly machinery that associates with SMN complex in a compartment-specific way and plays a crucial role in the intracellular distribution of SMN1.

Gene ID: 11171

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.

Handling

Expiry Date: 12 months