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anti-STRAP antibody (AA 51-150) (Biotin)



Overview

| Quantity: | 100 μL |
|----------------------|---|
| Target: | STRAP |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This STRAP antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

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 |

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: | |
|--------------------|--|

WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

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 for 12 months. |

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Expiry Date:

12 months