



## Datasheet for ABIN755317 anti-STRAP antibody (AA 51-150)



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### Overview

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

### Target Details

|                   |  |
|-------------------|--|
| Target:           | STRAP                                    |
| Alternative Name: | Unrip ( <a href="#">STRAP Products</a> ) |

## Target Details

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|-------------|--|
| 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.<br><br>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 its 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. |
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Gene ID: 11171

## Application Details

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| Application Notes: | WB 1:300-5000<br><br>ELISA 1:500-1000<br><br>IHC-P 1:200-400<br><br>IHC-F 1:100-500<br><br>IF(IHC-P) 1:50-200<br><br>IF(IHC-F) 1:50-200<br><br>IF(ICC) 1:50-200 |
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Restrictions: For Research Use only

## Handling

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|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 1 µg/µL   |
| 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 |

## Handling

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handled by trained staff only.

Storage: 4 °C,-20 °C

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

Expiry Date: 12 months