

# [KO Validated] STRAP Rabbit pAb

Catalog No.: A21351 **KO** Validated

## Basic Information

### Observed MW

39kDa

### Calculated MW

38kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables RNA binding activity. Involved in maintenance of gastrointestinal epithelium; negative regulation of transforming growth factor beta receptor signaling pathway; and spliceosomal snRNP assembly. Located in cytosol. Part of SMN complex. Implicated in adenocarcinoma; colorectal carcinoma; large cell carcinoma; lung carcinoma; and squamous cell neoplasm.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

11171

### Swiss Prot

Q9Y3F4

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

MAWD; PT-WD; UNRIP; AP

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

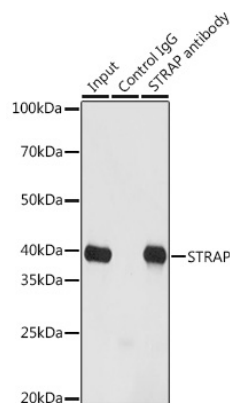
Affinity purification

### Storage

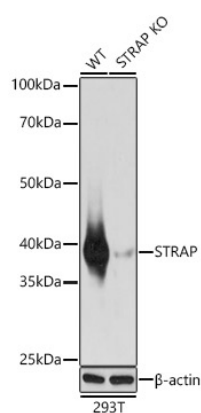
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

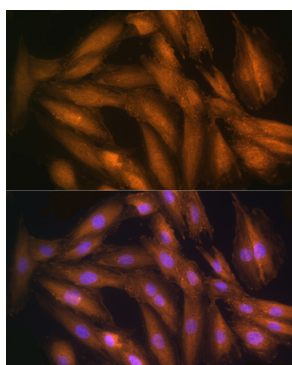
## Validation Data



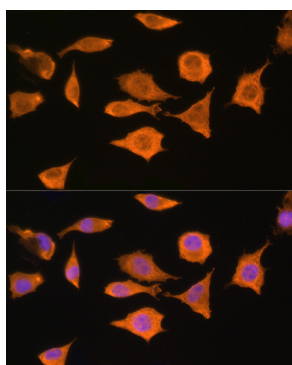
Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 3 µg STRAP antibody (A21351). Western blot was performed from the immunoprecipitate using STRAP antibody (A21351) at a dilution of 1:1000.



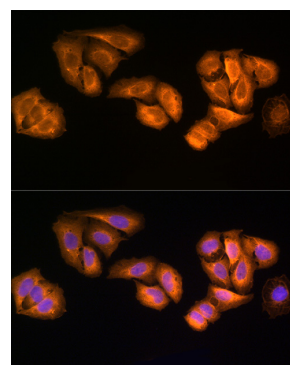
Western blot analysis of lysates from wild type (WT) and STRAP knockout (KO) HeLa cells, using STRAP Rabbit pAb (A21351) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Immunofluorescence analysis of H9C2 cells using STRAP Rabbit pAb (A21351) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using STRAP Rabbit pAb (A21351) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using STRAP Rabbit pAb (A21351) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.