

## Rabbit anti-Human MRPS26 Polyclonal Antibody | anti-MRPS26 antibody

Anti-MRPS26 Antibody, Rabbit Polyclonal

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                                     |
|-----------|--------|------------|--------------------------------------------------------------------------------------------------|
| AAA256259 | Rabbit | Human      | Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

MRPS26; Polyclonal Antibody; Anti-MRPS26 Antibody; Rabbit Polyclonal; MRPS26 Antibody; Rabbit PAb; Antigen Affinity Purified; mitochondrial ribosomal protein S26; Anti-C20orf193 Antibody; Anti-dJ534B8.3 Antibody; Anti-GI008 Antibody; Anti-MRP-S13 Antibody; Anti-MRP-S26 Antibody; Anti-MRPS13 Antibody; Anti-NY-BR-87 Antibody; Anti-RPMS13 Antibody; anti-MRPS26 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                          | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                      | Human MRPS26                                                                                                                                                                                                                                       |
| Purity/Purification                              | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                      | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-MRPS26 antibody | IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                        |
| Immunogen                                        | E Coli-derived Human MRPS26 fragment                                                                                                                                                                                                               |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                      | Produced in rabbits immunized with E Coli-derived Human MRPS26 fragment, and purified by antigen affinity chromatography.                                                                                                                          |
| Preparation and Storage                          | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. |

### IMAGES



#### IP (Immunoprecipitation)

MRPS26 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-MRPS26 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MRPS26 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10001 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 24 kDa. Observed band size: 24 kDa.



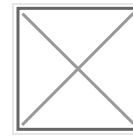
#### IF (Immunofluorescence)

Immunofluorescence staining of MRPS26 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human MRPS26 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



#### IHC (Immunohistochemistry)

Immunochemical staining of human MRPS26 in human kidney with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



#### IHC (Immunohistochemistry)

Immunochemical staining of human MRPS26 in human colon with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



#### WB (Western Blot)

Anti-MRPS26 rabbit polyclonal antibody at 1:500 dilution  
Lane A: U 251 MG, HepG2 Whole Cell Lysate  
Lane B: HeLa Whole Cell Lysate  
Lane C: Raji Whole Cell Lysate  
Lysates/proteins at 30 ug per lane.  
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.  
Developed using the ECL technique.  
Performed under reducing conditions.  
Predicted band size: 24 kDa  
Observed band size: 24 kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-MRPS26 antibody

MRPS26 (Mitochondrial Ribosomal Protein S26) is a Protein Coding gene. The MRPS26 gene, located on 20p13, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, and zebrafish. MRPS26 belongs to the mitochondrion-specific ribosomal protein mS26 family. This gene encodes a 28S subunit protein and lies adjacent to and downstream of the gonadotropin-releasing hormone precursor gene. MRPS26 is widely expressed in the kidney, prostate, and other tissues. Diseases associated with MRPS26 include Megalencephalic Leukoencephalopathy With Subcortical Cysts 1 and Mitochondrial Complex Iv Deficiency. Among its related pathways are Organelle biogenesis and maintenance and Mitochondrial translation. 217 organisms have orthologs with the human gene MRPS26.

### References

Zhong N, et al. (2005) Novel progerin-interactive partner proteins hnrnp e1, egf, mel 18, and ubc9 interact with lamin a/c. *Biochem Biophys Res Commun* 338 (2): 855-861.  
Ishiguchi H, et al. (2004) Znf143 activates gene expression in response to DNA damage and binds to cisplatin-modified DNA. *Int J Cancer* 111 (6): 900-909.  
Goldschmidt-Reisin S, et al. (1998) Mammalian mitochondrial ribosomal proteins. N-terminal amino acid sequencing, characterization, and identification of corresponding gene sequences. *J Biol Chem* 273 (52): 34828-34836.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrps26-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/256259>