

Product Datasheet

MRPS5 Antibody - BSA Free

NBP2-98525-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-98525-100ul

MRPS5 Antibody - BSA Free

Product Information

| | |
|----------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.03% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen and protein A Affinity-purified |
| Buffer | PBS |

Product Description

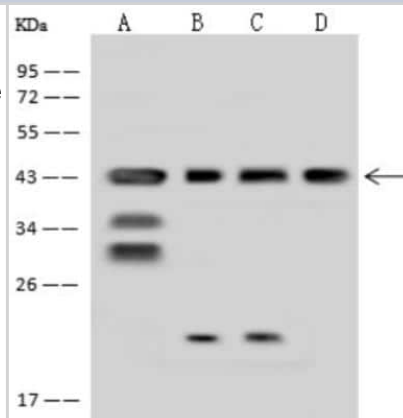
| | |
|--------------------|--|
| Description | This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Gene ID | 64969 |
| Gene Symbol | MRPS5 |
| Species | Human |
| Immunogen | Produced in rabbits immunized with E. coli-derived Human MRPS5 fragment. |

Product Application Details

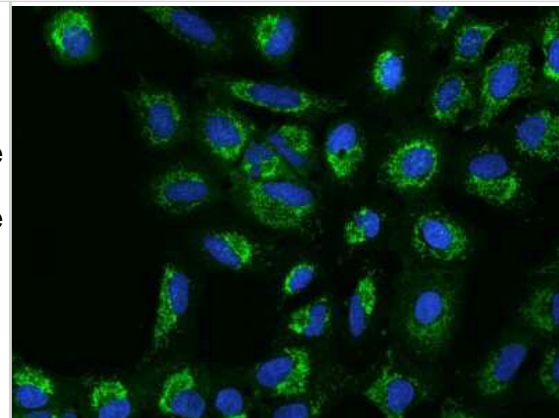
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 1-5uL/mg of lysate, Immunohistochemistry-Paraffin 1:50-1:200 |

Images

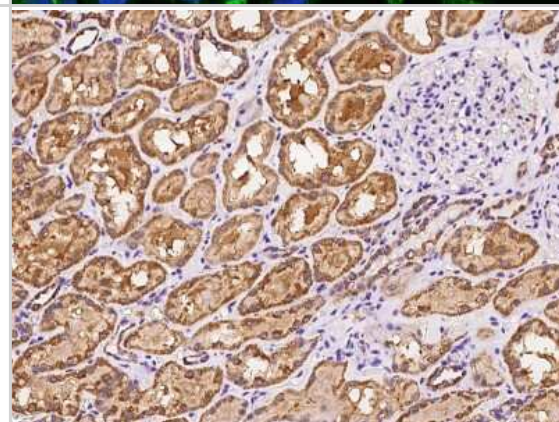
Western Blot: MRPS5 Antibody [NBP2-98525] - Anti-MRPS5 rabbit polyclonal antibody at 1:500 dilution. Lane A: A431 Whole Cell Lysate Lane B: H1299 Whole Cell Lysate Lane C: HeLa Whole Cell Lysate Lane D: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 48 kDa. Observed band size: 45 kDa



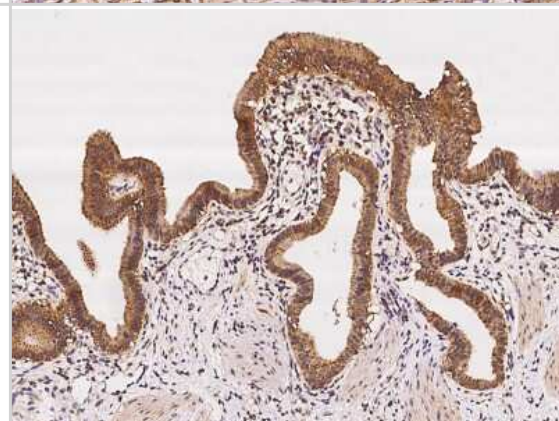
Immunocytochemistry/Immunofluorescence: MRPS5 Antibody [NBP2-98525] - Immunofluorescence staining of MRPS5 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human MRPS5 polyclonal antibody (dilution ratio 1:200) at 4C overnight. Then cells were stained with the Alexa Fluor(R)488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



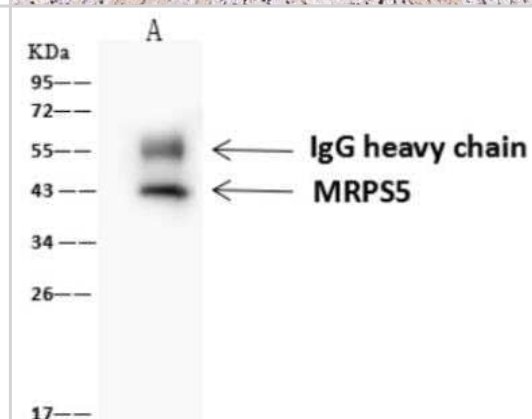
Immunohistochemistry-Paraffin: MRPS5 Antibody [NBP2-98525] - Immunochemical staining of human MRPS5 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry-Paraffin: MRPS5 Antibody [NBP2-98525] - Immunochemical staining of human MRPS5 in human gallbladder with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunoprecipitation: MRPS5 Antibody [NBP2-98525] - MRPS5 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 4 ul anti-MRPS5 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MRPS5 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 48 kDa. Observed band size: 43 kDa



Publications

Zhu Z, Hou Q, Wang B et al. A novel mitochondria-related gene signature for controlling colon cancer cell mitochondrial respiration and proliferation Human cell [PMID: 35429326]



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Products Related to NBP2-98525-100ul

| | |
|--------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00064969-P01-10ug | Recombinant Human MRPS5 GST (N-Term) Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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