

Anti-MRPS35 Antibody

Catalog # AP51368

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P82673
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36844

Additional Information

Gene ID	60488
Other Names	MRPS28; 28S ribosomal protein S35 mitochondrial; MRP-S35; S35mt; 28S ribosomal protein S28 mitochondrial; MRP-S28; S28mt
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MRPS35. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

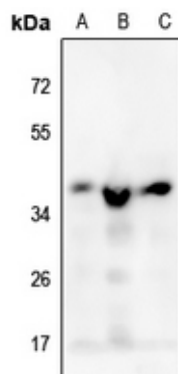
Protein Information

Name	MRPS35 (HGNC:16635)
Cellular Location	Mitochondrion.

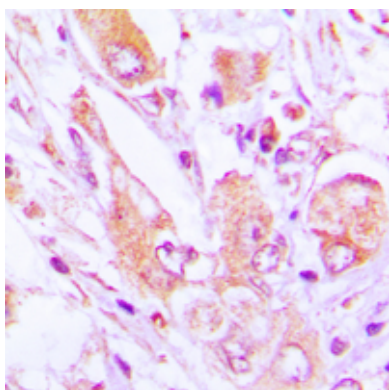
References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
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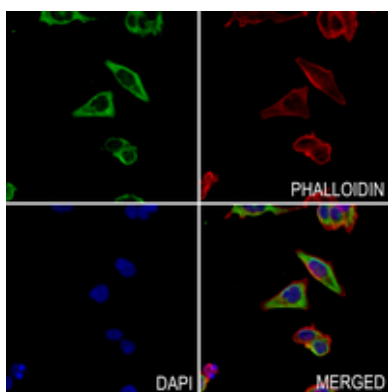
Images



Western blot analysis of MRPS35 expression in HEK293T (A), Hela (B), H446 (C) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 37 kD)



Immunohistochemical analysis of MRPS35 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of MRPS35 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.