

MRPP3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56839

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O15091
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67315

Additional Information

Gene ID	9692
Other Names	Mitochondrial ribonuclease P catalytic subunit, 3.1.26.5, Mitochondrial ribonuclease P protein 3, Mitochondrial RNase P protein 3, Protein only RNase P catalytic subunit {ECO:0000312 HGNC:HGNC:19958}, PRORP (HGNC:19958)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PRORP (HGNC:19958)
Function	Catalytic ribonuclease component of mitochondrial ribonuclease P, a complex composed of TRMT10C/MRPP1, HSD17B10/MRPP2 and PRORP/MRPP3, which cleaves tRNA molecules in their 5'-ends (PubMed: 18984158 , PubMed: 25953853 , PubMed: 34715011). The presence of TRMT10C/MRPP1, HSD17B10/MRPP2 is required to catalyze tRNA molecules in their 5'-ends (PubMed: 25953853).
Cellular Location	Mitochondrion.

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