

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18075**Specification**

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q8IXM3
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	15383

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130) - Additional Information**Gene ID** 64975**Alias Symbol** **MRPL41****Other Names**

MRPL41, BMRP, L41mt, MRP-L41, PIG3, MRP-L27, MRP-L27 homolog, Proliferation-inducing gene 3, RPML27

Target/Specificity

MRPL41 Antibody detects endogenous levels of total MRPL41 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130) - Protein Information**Name** MRPL41**Synonyms** BMRP, MRPL27, RPML27**Function**

Component of the mitochondrial ribosome large subunit (PubMed:28892042, PubMed:25838379, PubMed:25278503). Also involved in apoptosis and cell cycle (PubMed:16024796, PubMed:16256947). Enhances p53/TP53 stability, thereby contributing to p53/TP53-induced apoptosis in response to growth-inhibitory condition. Enhances p53/TP53

translocation to the mitochondria. Has the ability to arrest the cell cycle at the G1 phase, possibly by stabilizing the CDKN1A and CDKN1B (p27Kip1) proteins (PubMed:16024796).

Cellular Location

Mitochondrion

Tissue Location

Present in kidney, liver, thymus and testis, and at lower level in brain and spleen (at protein level)

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MRPL41 / PIG3 / BMRP Antibody (aa81-130) - Images