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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 Cytomety
- Cell Culture

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