



## Anti-MRPL41 (aa 71-137) polyclonal antibody (DPABH-20141)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Component of the mitochondrial ribosome large subunit. Also involved in apoptosis and cell cycle. 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.
<b>Immunogen</b>	antigen sequence: KPYVSYLAPE SEETPLTAAQ LFSEAVAPAI EKDFKDGTDF PDNLEKYGFE PTQEGKLFQL YPRNFLR, corresponding to amino acids 71-137 of Human MRPL41.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, WB, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">MRPL41 mitochondrial ribosomal protein L42 [ Homo sapiens ]</a>
Official Symbol	MRPL41
Synonyms	MRPL41; mitochondrial ribosomal protein L41; BMRP; PIG3; MRPL27; RPML27; MRP-L27; 39S ribosomal protein L41, mitochondrial; L41mt; MRP-L41; MRP-L27 homolog; proliferation-inducing gene 3; 39S ribosomal protein L27 homolog; cell proliferation-inducing gene 3 protein; bcl-2-interacting mitochondrial ribosomal protein L41;
Entrez Gene ID	<a href="#">64975</a>
Protein Refseq	<a href="#">NP_115866.1</a>
UniProt ID	<a href="#">Q8IXM3</a>
Function	poly(A) RNA binding; protein binding; structural constituent of ribosome;