



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

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

GENE INFORMATION

Gene Name	MRPL41 mitochondrial ribosomal protein L42 [Homo sapiens]
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	64975
Protein Refseq	NP_115866.1
UniProt ID	Q8IXM3
Function	poly(A) RNA binding; protein binding; structural constituent of ribosome;