

Anti-MRPL58 Polyclonal Antibody

Cat: K109054P

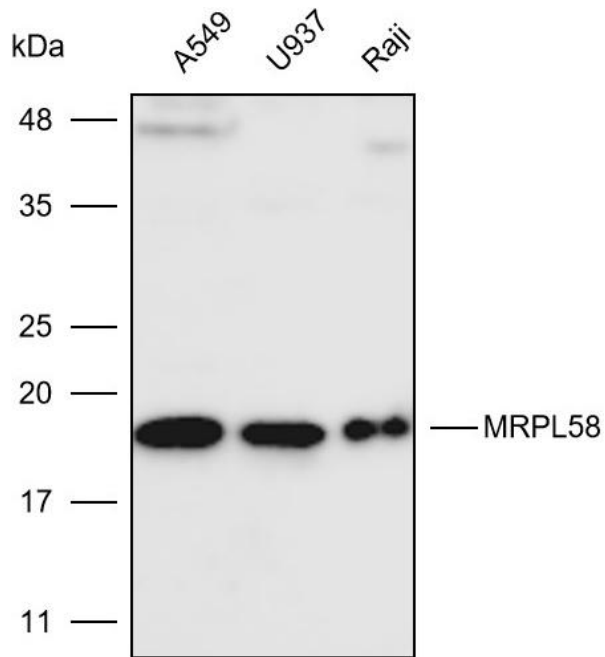
Summary:

【Product name】 : Anti-MRPL58 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : Q14197	【Gene ID】 : 3396
【Calculated】 : MW:24kDa	【Observed】 : MW:19kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC	
【Recommended dilution】 : WB 1:1000-3000. IHC 1:50-200.	
【WB Positive sample】 : A549,U937,Raji	
【IHC Positive sample】 : Human liver cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human MRPL58	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

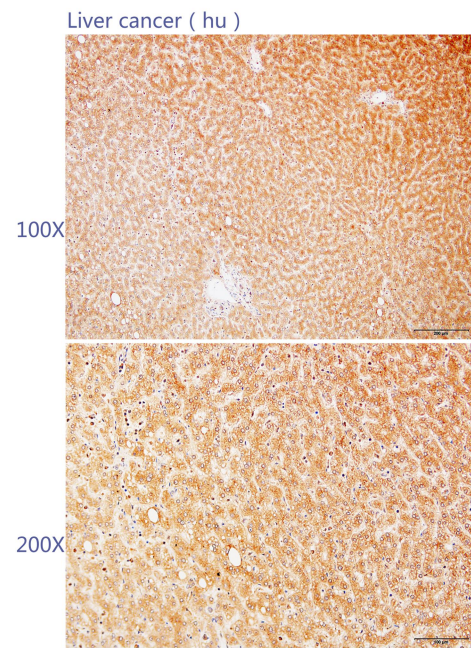
Background:

Essential peptidyl-tRNA hydrolase component of the mitochondrial large ribosomal subunit. Acts as a codon-independent translation release factor that has lost all stop codon specificity and directs the termination of translation in mitochondrion, possibly in case of abortive elongation. May be involved in the hydrolysis of peptidyl-tRNAs that have been prematurely terminated and thus in the recycling of stalled mitochondrial ribosomes.

Verified picture



Western blot analysis with MRPL58 antibody diluted at 1:2000; Lane: A549,U937,Raji



Immunohistochemistry of paraffin-embedded Human liver cancer with MRPL58 antibody diluted at 1:100