



[Go to Product page](#)

Datasheet for ABIN5516623
anti-MRPL23 antibody (C-Term)

Overview

Quantity:	100 µL
Target:	MRPL23
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPL23 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for Anti-MRPL23 antibody is: synthetic peptide directed towards the C-terminal region of Human RM23
Sequence:	HGQTFTFPDL FPEKDESPEG SAADDLYSML EEERQQRQSS DPRRGVPSW
Characteristics:	This is a rabbit polyclonal antibody against RM23. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	MRPL23
Alternative Name:	MRPL23 (MRPL23 Products)
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein

Target Details

synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75 % protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. The gene is biallelically expressed, despite its location within a region of imprinted genes on chromosome 11.

Alias Symbols: RPL23, L23MRP, RPL23L

Protein Size: 153

Gene ID: 6150

NCBI Accession: [NP_066957](#)

UniProt: [Q16540](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.