

# MRP-L12 Polyclonal Antibody

Catalog # AP71028

## Product Information

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<b>Application</b>	WB, E, IHC-P
<b>Primary Accession</b>	<a href="#">P52815</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	21348

## Additional Information

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<b>Gene ID</b>	6182
<b>Other Names</b>	MRPL12; RPML12; 39S ribosomal protein L12; mitochondrial; L12mt; MRP-L12; 5c5-2
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A IHC-P~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	MRPL12
<b>Synonyms</b>	MRPL7, RPML12
<b>Function</b>	As a component of the mitochondrial large ribosomal subunit, plays a role in mitochondrial translation (PubMed: <a href="#">23603806</a> ). When present in mitochondria as a free protein not associated with the ribosome, associates with mitochondrial RNA polymerase POLRMT to activate transcription (PubMed: <a href="#">22003127</a> ). Required for POLRMT stability (PubMed: <a href="#">26586915</a> ).
<b>Cellular Location</b>	Mitochondrion matrix

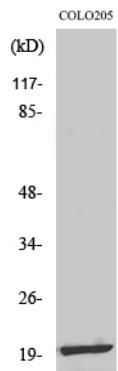
## Background

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Associates with mitochondrial RNA polymerase to activate transcription.

## Images

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