

MRPL45 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20000b**Specification**

MRPL45 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BRJ2
Other Accession	O9D007
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35351
Antigen Region	218-245

MRPL45 Antibody (C-term) - Additional Information**Other Names**

39S ribosomal protein L45, mitochondrial, L45mt, MRP-L45, MRPL45

Target/Specificity

This MRPL45 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 218-245 amino acids from the C-terminal region of human MRPL45.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MRPL45 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MRPL45 Antibody (C-term) - Protein Information

Name MRPL45 ([HGNC:16651](#))

Function Component of the mitochondrial large ribosomal subunit (mt- LSU) (PubMed:[25278503](#), PubMed:[25838379](#), PubMed:[28892042](#), PubMed:[33602856](#), PubMed:[35177605](#)). Within the

mitochondrial ribosomes, required to direct the nascent polypeptide toward the tunnel exit and position the exit at a distance from the membrane surface (PubMed:[33602856](#)).

Cellular Location

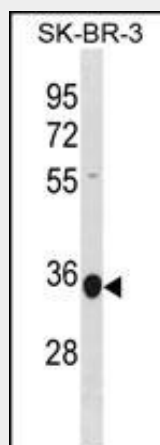
Mitochondrion

MRPL45 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MRPL45 Antibody (C-term) - Images



MRPL45 Antibody (C-term) (Cat. #AP20000b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the MRPL45 antibody detected the MRPL45 protein (arrow).

MRPL45 Antibody (C-term) - Background

The function of this protein is unknown.