

Datasheet for ABIN630980
anti-MRPS12 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MRPS12
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MRPS12 antibody was raised using the N terminal of MRPS12 corresponding to a region with amino acids LVPRLWATCSMATLNQMHRLGPPKRPPRKLGPTEGRPQLKGVVLCFTFRK
Specificity:	MRPS12 antibody was raised against the N terminal of MRPS12
Purification:	Affinity purified

Target Details

Target:	MRPS12
Alternative Name:	MRPS12 (MRPS12 Products)
Background:	Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. MRPS12 is the 28S subunit protein that belongs to the ribosomal protein S12P family. The protein is a key component of the ribosomal small subunit and controls the decoding

Target Details

fidelity and susceptibility to aminoglycoside antibiotics. Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion.

Molecular Weight: 12 kDa (MW of target protein)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: WB: 0.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: MRPS12 Blocking Peptide, catalog no. 33R-5533, is also available for use as a blocking control in assays to test for specificity of this MRPS12 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of MRPS12 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. MRPS12 antibody used at 0.5 ug/ml to detect target protein.