

Datasheet for ABIN1536787
anti-MRPL41 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	MRPL41
Binding Specificity:	AA 174-203, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPL41 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PIG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-203 amino acids from the C-terminal region of human PIG3.
Clone:	RB30609
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MRPL41
Alternative Name:	PIG3 (MRPL41 Products)
Background:	The protein encoded by this gene is similar to oxidoreductases, which are enzymes involved in

Target Details

cellular responses to oxidative stresses and irradiation. This gene is induced by the tumor suppressor p53 and is thought to be involved in p53-mediated cell death. It contains a p53 consensus binding site in its promoter region and a downstream pentanucleotide microsatellite sequence. P53 has been shown to transcriptionally activate this gene by interacting with the downstream pentanucleotide microsatellite sequence. The microsatellite is polymorphic, with a varying number of pentanucleotide repeats directly correlated with the extent of transcriptional activation by p53. It has been suggested that the microsatellite polymorphism may be associated with differential susceptibility to cancer. At least two transcript variants encoding the same protein have been found for this gene.

Molecular Weight: 35536

Gene ID: 9540

NCBI Accession: [NP_001193731](#), [NP_004872](#), [NP_671713](#)

UniProt: [Q53FA7](#)

Pathways: [p53 Signaling](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

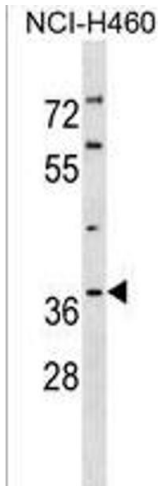
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: PIG3 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. PIG3 Antibody (C-term) (ABIN1536787 and ABIN2838271) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the PIG3 antibody detected the PIG3 protein (arrow).