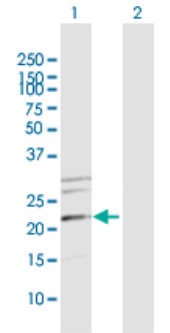
MaxPab®

MRPS34 purified MaxPab rabbit polyclonal antibody (D02P)

Catalog # H00065993-D02P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MRPS34 expression in transfected 293T cell line (H00065993-T03) by MRPS34 MaxPab polyclonal antibody.

Lane 1: MRPS34 transfected lysate(24.09 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRPS34 protein.
Immunogen	MRPS34 (AAH01182.1, 1 a.a. ~ 218 a.a) full-length human protein.
Sequence	MARKKVRPRLIAELARRVRALREQLNRPRDSQLYAVDYETLTRPFSGRRLPVRAWADVRRESRLL QLLGRLPLFGLGRLVTRKSWLWQHDEPCYWRLTRVRPDYTAQNLDHGKAWGILTFKGKTESEAR EIEHVMYHDWRLVPKHEEEAFTAFTPAPEDSLASVPYPPLLRAMIIAERQKNGDTSTEEPMLNVQ RIRMEPWDYPAKQEDKGRAKGTPV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — MRPS34

Entrez GeneID	65993
GeneBank Accession#	BC001182.1
Protein Accession#	AAH01182.1
Gene Name	MRPS34
Gene Alias	MGC2616, MRP-S12, MRP-S34, MRPS12
Gene Description	mitochondrial ribosomal protein S34
Gene Ontology	Hyperlink
Gene Summary	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein s ynthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition co mpared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mam malian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among diff erent species, the proteins comprising the mitoribosome differ greatly in sequence, and sometim es in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein. Alternate splice variants of this gene have been described but the ir full-length nature has not been determined. [provided by RefSeq
Other Designations	-