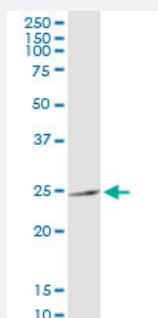


MRPS34 (Human) IP-WB Antibody Pair

Catalog # H00065993-PW1

Size 1 Set

Applications



Immunoprecipitation of MRPS34 transfected lysate using rabbit polyclonal anti-MRPS34 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-MRPS34.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MRPS34 transfected lysate using rabbit polyclonal anti-MRPS34 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-MRPS34.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-MRPS34 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-MRPS34 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — MRPS34

Entrez GeneID [65993](#)

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 synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes 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 their full-length nature has not been determined. [provided by RefSeq]

Other Designations -