

For Research Use Only

# MTIF2 Polyclonal antibody

Catalog Number: 55325-1-AP



## Basic Information

Catalog Number:

55325-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002453

GeneID (NCBI):

4528

UNIPROT ID:

P46199

Full Name:

mitochondrial translational initiation factor 2

Calculated MW:

81 kDa

Observed MW:

81 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human heart tissue, human placenta tissue

## Background Information

MTIF2 belongs to the IF-2 family. It is one of the essential components for the initiation of protein synthesis. MTIF2 protects formylmethionyl-tRNA from spontaneous hydrolysis and promotes its binding to the 30S ribosomal subunits. It is also involved in the hydrolysis of GTP during the formation of the 70S ribosomal complex. This antibody is specific to MTIF2.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

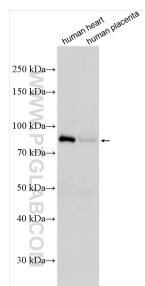
For technical support and original validation data for this product please contact:

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## Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 55325-1-AP (MTIF2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.