

Datasheet for ABIN1539049  
**anti-MTIF2 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	MTIF2
Binding Specificity:	AA 138-167, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTIF2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MTIF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-167 amino acids from the N-terminal region of human MTIF2.
Clone:	RB36592
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MTIF2
Alternative Name:	MTIF2 ( <a href="#">MTIF2 Products</a> )
Background:	During the initiation of protein biosynthesis, initiation factor-2 (IF-2) promotes the binding of the

## Target Details

initiator tRNA to the small subunit of the ribosome in a GTP-dependent manner. Prokaryotic IF-2 is a single polypeptide, while eukaryotic cytoplasmic IF-2 (eIF-2) is a trimeric protein. Bovine liver mitochondria contain IF-2(mt), an 85-kD monomeric protein that is equivalent to prokaryotic IF-2. The predicted 727-amino acid human protein contains a 29-amino acid presequence. Human IF-2(mt) shares 32 to 38 % amino acid sequence identity with yeast IF-2(mt) and several prokaryotic IF-2s, with the greatest degree of conservation in the G domains of the proteins. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].

Molecular Weight: 81317

Gene ID: 4528

NCBI Accession: [NP\\_001005369](#), [NP\\_002444](#)

UniProt: [P46199](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## 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.

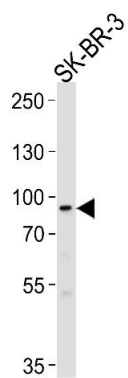
Preservative: Sodium azide

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: MTIF2 Antibody (N-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.** Western blot analysis of lysate from SK-BR-3 cell line, using MTIF2 Antibody (N-term) (ABIN1539049 and ABIN2848616). (ABIN1539049 and ABIN2848616) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.