



Anti-MTIF2 (aa 497-646) polyclonal antibody (DPABH-16027)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	One of the essential components for the initiation of protein synthesis. Protects formylmethionyl-tRNA from spontaneous hydrolysis and promotes its binding to the 30S ribosomal subunits. Also involved in the hydrolysis of GTP during the formation of the 70S ribosomal complex.
Immunogen	Recombinant fragment corresponding to amino acids 497-646 of Human IF-2(Mt)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, ICC/IF, WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MTIF2 mitochondrial translational initiation factor 3 [Homo sapiens]
Official Symbol	MTIF2
Synonyms	MTIF2; mitochondrial translational initiation factor 2; translation initiation factor IF-2, mitochondrial; IF-2mt; IF2(mt); IF-2(Mt);
Entrez Gene ID	4528
Protein Refseq	NP_001005369.1
UniProt ID	P46199
Pathway	TNF-alpha/NF-kB Signaling Pathway.
Function	GTP binding; GTPase activity; poly(A) RNA binding; ribosomal small subunit binding