

IF2M Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01982
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 450-530
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Translation initiation factor IF-2, mitochondrial
Synonyms	Translation initiation factor IF-2; mitochondrial ;IF-2;Mt;IF-2Mt;IF2;mt

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

During the initiation of protein biosynthesis| initiation factor-2 (IF-2) promotes the binding of the 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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