

IF2M Rabbit pAb

CatalogNo: YN1447

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 79kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 450-530

Specificity IF2M Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name MTIF2

Protein Name	Translation initiation factor IF-2, mitochondrial (IF-2(Mt)) (IF-2Mt) (IF2(mt))		
	Organism	Gene ID	UniProt ID
	Human	4528;	P46199;
	Mouse		Q91YJ5;
Cellular Localization	Mitochondrion.		
Tissue specificity	Expressed in all tissues examined. Highest level in skeletal muscle.		
Function	Function: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.,similarity:Belongs to the IF-2 family.,subunit:Monomer.,tissue specificity:Expressed in all tissues examined. Highest level in skeletal muscle.,		

| Validation Data

| Contact information

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