



# eIF3ε Monoclonal Antibody

Catalog No	BYmab-03845
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EIF3F
Protein Name	Eukaryotic translation initiation factor 3 subunit F
Immunogen	The antiserum was produced against synthesized peptide derived from human EIF3F. AA range:81-130
Specificity	eIF3 ε Monoclonal Antibody detects endogenous levels of eIF3 ε protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EIF3F; EIF3S5; Eukaryotic translation initiation factor 3 subunit F; eIF3f; Deubiquitinating enzyme eIF3f; Eukaryotic translation initiation factor 3 subunit 5; eIF-3-epsilon; eIF3 p47
Observed Band	38kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Amygdala,Brain,Liver,Lung,
Function	function:Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.,mass spectrometry:

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## Background

PubMed:17322308,mass spectrometry: PubMed:18599441,PTM:Phosphorylated. Phosphorylation is enhanced upon serum stimulation.,similarity:Belongs to the eIF-3 subunit F family.,similarity:Contains 1 MPN (JAB/Mov34) domain.,

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## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using eIF3  $\epsilon$  Monoclonal Antibody

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