



EIF4E2 mouse mAb

Catalog No	YP-mAb-17973
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EIF4E2 EIF4EL3
Immunogen	Synthesized peptide derived from human EIF4E2
Specificity	This antibody detects endogenous levels of EIF4E2 at Human, Mouse
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	4E LP;4EHP;eIF 4E type 2;eIF4E like protein 4E LP;eIF4E type 2;EIF4E2; EIF4EL3;IF4e;mRNA cap binding protein 4EHP;EIF4E2 EIF4EL3;Eukaryotic translation initiation factor 4E type 2 (eIF-4E type 2) (eIF4E type 2) (Eukaryotic translation initiation factor 4E homologous protein) (Eukaryotic translation initiation factor 4E-like 3)
Observed Band	28 kDa
Calculated Molecular Weight	245 aa, 28 kDa
Cell Pathway	Cytoplasm . Cytoplasm, P-body .
Tissue Specificity	
Function	Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation . Acts as a repressor of translation initiation . In contrast to EIF4E, it is unable to bind eIF4G (EIF4G1, EIF4G2 or EIF4G3), suggesting that it acts by competing with EIF4E and block assembly of eIF4F at the cap (By similarity). In P-bodies, component of a complex that promotes miRNA-mediated translational repression .
Background	

**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