

Product Name: eIF4E3 Rabbit Polyclonal Antibody**Catalog #: APRab10388**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	24kDa

Antigen Information

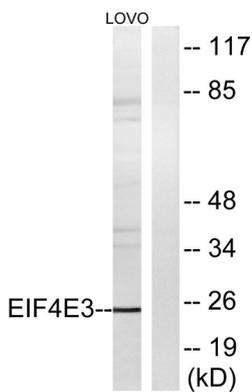
Gene Name	EIF4E3
Alternative Names	EIF4E3; Eukaryotic translation initiation factor 4E type 3; eIF-4E type 3; eIF-4E3; eIF4E type 3; eIF4E-3
Gene ID	317649.0
SwissProt ID	Q8N5X7
Immunogen	The antiserum was produced against synthesized peptide derived from human EIF4E3. AA range:141-190

Background

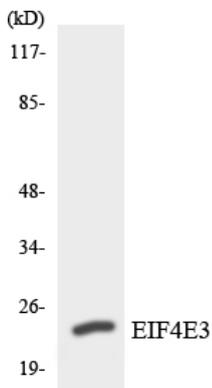
EIF4E3 belongs to the EIF4E family of translational initiation factors that interact with the 5-prime cap structure of mRNA and recruit mRNA to the ribosome (Joshi et al., 2004 [PubMed 15153109]).[supplied by OMIM, Mar 2008],function:Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis. May act as an inhibitor of EIF4E1 activity.,similarity:Belongs to the eukaryotic initiation factor 4E family.,subunit:eIF4F is a multi-subunit complex, the composition of which varies with external and internal environmental conditions. It is composed of at least eIF4A, eIF4E and eIF4G (By similarity). EIF4E3 interacts with EIF4G1, but not with EIF4EBP1, EIF4EBP2 and EIF4EBP3,.

Research Area

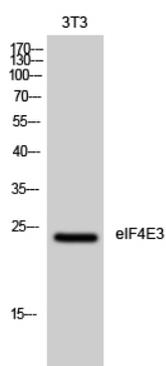
Image Data



Western blot analysis of lysates from LOVO cells, using EIF4E3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using EIF4E3 antibody.



Western Blot analysis of 3T3 cells using eIF4E3 Polyclonal Antibody diluted at 1 : 1000

