

eIF4E3 Polyclonal Antibody

Catalog No :	YT1517
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	eIF4E3
Gene Name :	EIF4E3
Protein Name :	Eukaryotic translation initiation factor 4E type 3
Human Gene Id :	317649
Human Swiss Prot No :	Q8N5X7
Mouse Gene Id :	66892
Mouse Swiss Prot No :	Q9DBB5
Immunogen :	The antiserum was produced against synthesized peptide derived from human EIF4E3. AA range:141-190
Specificity :	eIF4E3 Polyclonal Antibody detects endogenous levels of eIF4E3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 24kD

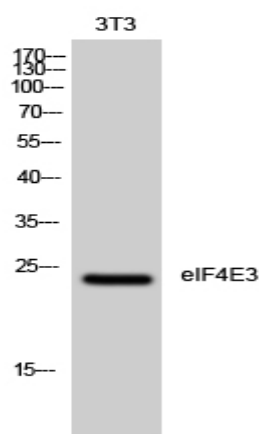
Background : EIF4E3 belongs to the EIF4E family of translational initiation factors that interact with the 5-prime cap structure of mRNA and recruit mRNA to the ribosome (Joshi et al., 2004 [PubMed 15153109]).[supplied by OMIM, Mar 2008],

Function : 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:elF4F 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.,

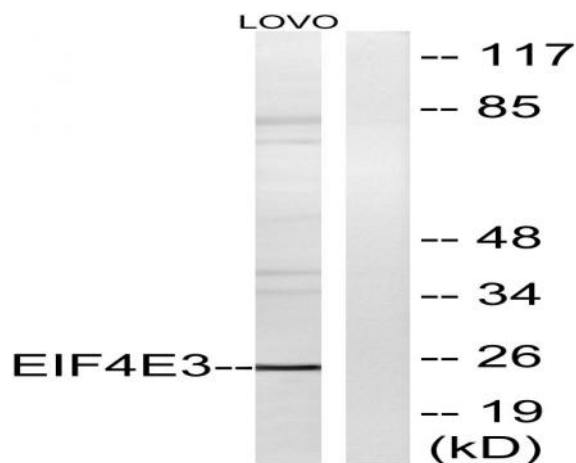
Subcellular Location : cytoplasm,cytosol,mRNA cap binding complex,

Expression : Brain,

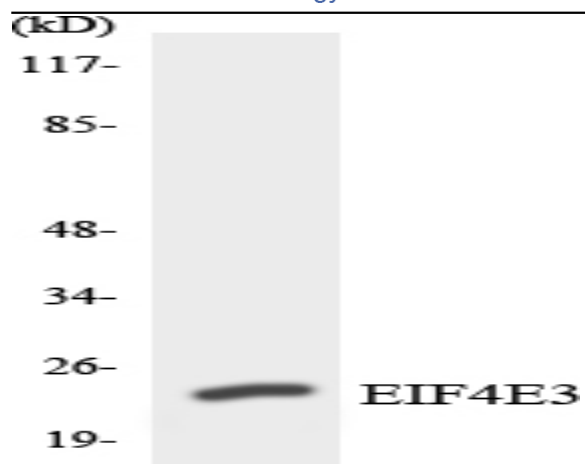
Products Images



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



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.