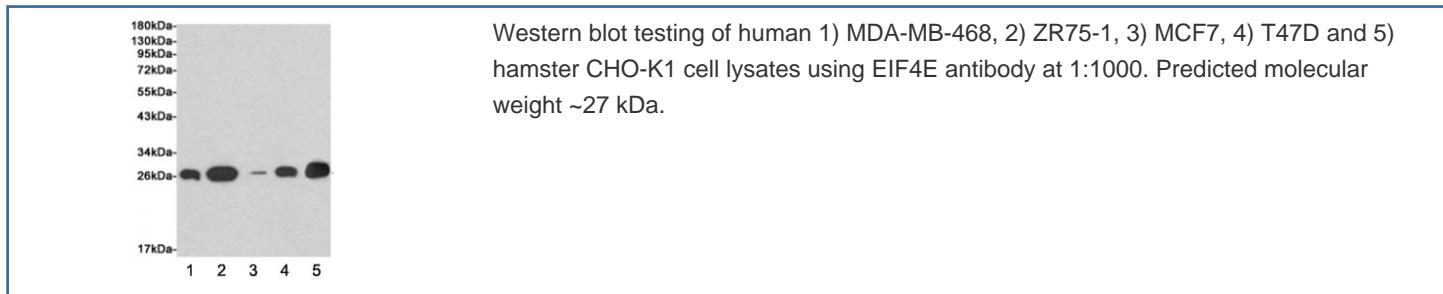
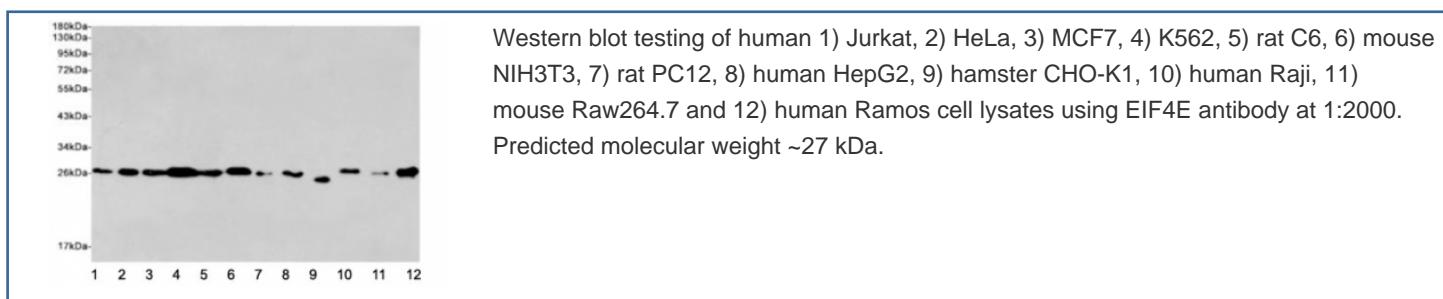


EIF4E Antibody [clone 8C8-C10-C12] (F54054)

Catalog No.	Formulation	Size
F54054-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	8C8-C10-C12
Purity	Protein G affinity
UniProt	P06730
Applications	Western Blot : 1:1000
Limitations	This EIF4E antibody is available for research use only.



Description

Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures. Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit mediates the binding to the mRNA cap. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the EIF4E antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant protein was used as the immunogen for this EIF4E antibody.

Storage

Store the EIF4E antibody at -20oC.