

Product Name: KD-Validated EIF4E Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01351**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 25.1kDa

Antigen Information

Gene Name	EIF4E EIF4E; Eukaryotic Translation Initiation Factor 4E; EIF4EL1; EIF4E1; EIF4F; MRNA Cap-Binding
Alternative Names	Protein; EIF-4F 25 KDa Subunit; EIF-4E; Eukaryotic Translation Initiation Factor 4E-Like 1; AUTS19; EIF4E; CBP
Gene ID	1977.0
SwissProt ID	P06730
Immunogen	A synthesized peptide derived from human EIF4E

Background

The protein encoded by this gene is a component of the eukaryotic translation initiation factor 4F complex, which recognizes the 7-methylguanosine cap structure at the 5' end of messenger RNAs. The encoded protein aids in translation initiation by

recruiting ribosomes to the 5'-cap structure. Association of this protein with the 4F complex is the rate-limiting step in translation initiation. This gene acts as a proto-oncogene, and its expression and activation is associated with transformation and tumorigenesis. Several pseudogenes of this gene are found on other chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

Research Area

Epigenetics and Nuclear Signaling

Image Data

