

A19044

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## eIF4E Rabbit mAb

Catalog No.: A19044

Recombinant

1 Publications

### Basic Information

#### Observed MW

25kDa

#### Calculated MW

25kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB,IP,ELISA

#### Cross-Reactivity

Mouse,Rat

#### CloneNo number

ARC0447

### 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.

### Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for  
400µg-600µg extracts of  
whole cells

### Immunogen Information

#### Gene ID

1977

#### Swiss Prot

P06730

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 118-217 of human eIF4E (P06730).

#### Synonyms

CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1; eIF4E

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

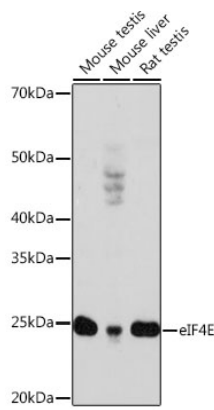
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using eIF4E Rabbit mAb (A19044) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.

Immunoprecipitation analysis of 600 µg extracts of Mouse testis using 3 µg eIF4E antibody (A19044). Western blot was performed from the immunoprecipitate using eIF4E (A19044) at a dilution of 1:500.

