

## eIF4E Ab

[Images\(3\)](#)

Cat.#: AF6741                                      Concn.: ~1mg/ml                                      Mol.Wt.: 25kD  
Size:    Source: Rabbit    Clonality: Polyclonal

Application:                                      IF/ICC 1:100-1:500, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

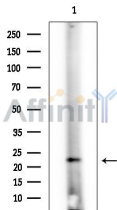
Reactivity:                                        Human,Mouse,Rat

Storage:    Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

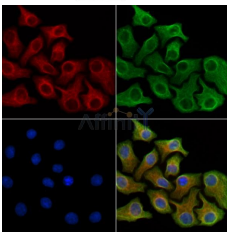
Purification:                                    The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:                                      A synthesized peptide derived from human eIF4E.

Uniprot:    P06730



Western blot analysis of extracts from Rat brain, using eIF4E Ab at 1/1000 dilution.  
Observed bands:22kD.



AF6741 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF6741) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.  
The nuclear counter stain is DAPI (blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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