

EEF1A1 Recombinant antibody

Cat:B36079S

Company: HaoKebio

Uniprot ID:P68104

Applications: IHC:1:250-1:1000

Organism:Rabbit

IHC-Polymer:1:1000-1:4000

Species reactivity:Human Mouse Rat

IHC-TSA:1:1200-1:5000

Molecular Weight Calculation: 462 aa, 50 kDa

IF:1:50

Observed Molecular Weight: 50 kDa

WB:1:5000-1:50000

IP:1ug for 1mg of total protein lysate

Background:

EEF1A1, also named as EEF1A, EF1A and LEN G7, belongs to the GTP-binding elongation factor family. This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.¹ It is a typical housekeeping gene product required for the maintenance of cell proliferation and/or survival.

In addition, EEF1A1 protects the aminoester bond against hydrolysis until a correct match between the codon on mRNA and the anti-codon on tRNA can be achieved.

Synonyms:

EEF1A, EEF 1, EC:3.6.5.-, CCS3, CCS 3

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

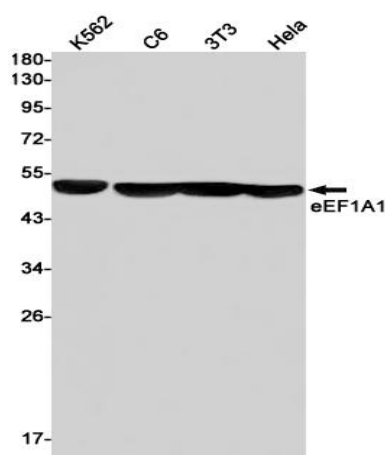
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4 °C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse brain, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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