

**EEF1A1P5 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22206b**

**Specification**

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**EEF1A1P5 Antibody (C-Term) - Product Information**

Application	IF, WB, FC,E
Primary Accession	<a href="#">Q5VTE0</a>
Other Accession	<a href="#">P68103</a> , <a href="#">P62629</a> , <a href="#">Q66RN5</a> , <a href="#">A2Q0Z0</a> , <a href="#">P68104</a> , <a href="#">P10126</a> , <a href="#">Q5R1X2</a> , <a href="#">Q5R4R8</a> , <a href="#">P68105</a> , <a href="#">P62630</a> , <a href="#">Q90835</a>
Reactivity	Human
Predicted	Bovine, Hamster, Horse, Mouse, Rabbit, Rat, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	50185
Antigen Region	430-462

**EEF1A1P5 Antibody (C-Term) - Additional Information**

**Other Names**

Putative elongation factor 1-alpha-like 3, EF-1-alpha-like 3, Eukaryotic elongation factor 1 A-like 3, eEF1A-like 3, Eukaryotic translation elongation factor 1 alpha-1 pseudogene 5, EEF1A1P5, EEF1AL3

**Target/Specificity**

This EEF1A1P5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 430-462 amino acids from human EEF1A1P5.

**Dilution**

IF~~1:25  
WB~~1:1000-1:2000  
FC~~1:25

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

EEF1A1P5 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**EEF1A1P5 Antibody (C-Term) - Protein Information**

**Name** EEF1A1P5

**Synonyms** EEF1AL3

**Function** This protein promotes the GTP-dependent binding of aminoacyl- tRNA to the A-site of ribosomes during protein biosynthesis.

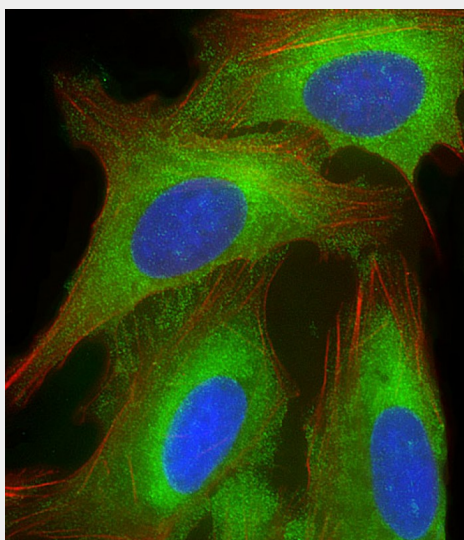
**Cellular Location**  
Cytoplasm.

### EEF1A1P5 Antibody (C-Term) - Protocols

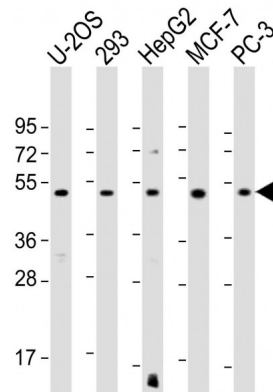
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

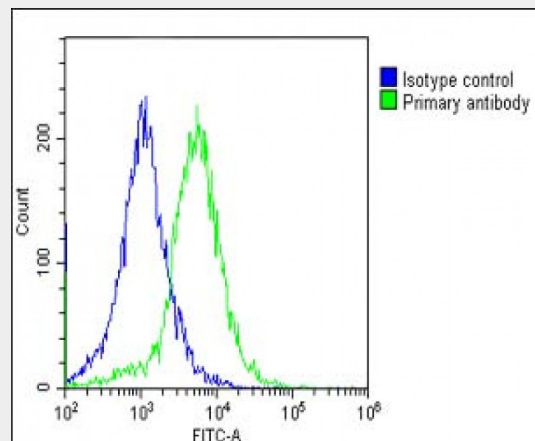
### EEF1A1P5 Antibody (C-Term) - Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling EEF1A1P5 with AP22206b at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-EEF1A1P5 Antibody (C-Term) at 1:1000-1:2000 dilution Lane 1: U-2OS whole cell lysate Lane 2: 293 whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFD/DM/TBST.



Overlay histogram showing HepG2 cells stained with AP22206b(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22206b, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OE188374) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was performed. .

**EEF1A1P5 Antibody (C-Term) - Background**

This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.

**EEF1A1P5 Antibody (C-Term) - References**

Humphray S.J.,et al.Nature 429:369-374(2004).  
 Bienvenut W.V.,et al.Submitted (DEC-2008) to UniProtKB.  
 Bienvenut W.V.,et al.Submitted (MAR-2009) to UniProtKB.

Li W.B., et al. Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.  
Lund A., et al. Genomics 36:359-361(1996).