

EEF2 Antibody
Rabbit mAb
Catalog # AP91540

Specification

EEF2 Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P13639
Reactivity	Rat
Clonality	Monoclonal
Other Names	
EEF 2; Eef2; EF-2; EF2; Elongation factor 2; Polypeptidyl tRNA translocase; SCA26;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	95338 Da

EEF2 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human EEF2
Description	Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

EEF2 Antibody - Protein Information

Name EEF2

Synonyms EF2

Function

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation (PubMed:26593721). During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl- tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively (PubMed:26593721). Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome (PubMed:26593721).

Cellular Location

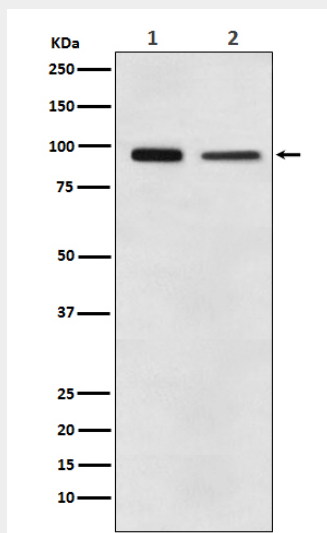
Cytoplasm. Nucleus. Note=Phosphorylation by CSK promotes cleavage and SUMOylation-dependent nuclear translocation of the C- terminal cleavage product.

EEF2 Antibody - 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](#)

EEF2 Antibody - Images



Western blot analysis of EEF2 expression in (1) A431 cell lysate; (2) NIH/3T3 cell lysate.