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EEF2 / Elongation Factor 2 Antibody (aa31-80)

Rabbit Polyclonal Antibody
Catalog # ALS15007

Specification

EEF2 / Elongation Factor 2 Antibody (aa31-80) - Product Information

Application	**IF, WB, IHC**
Primary Accession	P13639
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**95kDa KDa**

EEF2 / Elongation Factor 2 Antibody (aa31-80) - Additional Information

Gene ID 1938

Other Names
Elongation factor 2, EF-2, EEF2, EF2

Target/Specificity
eEF2 Antibody detects endogenous levels of total eEF2 protein.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions
EEF2 / Elongation Factor 2 Antibody (aa31-80) is for research use only and not for use in diagnostic or therapeutic procedures.

EEF2 / Elongation Factor 2 Antibody (aa31-80) - 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.

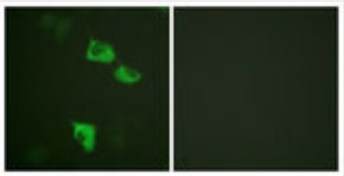
Volume
50 µl

EEF2 / Elongation Factor 2 Antibody (aa31-80) - Protocols

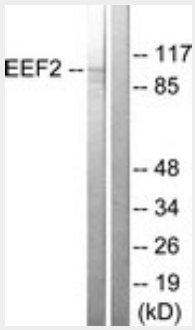
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

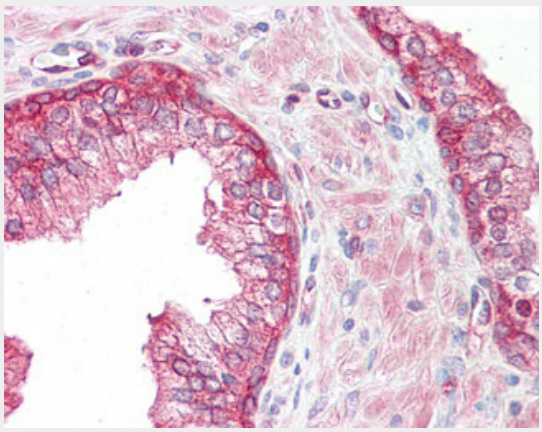
EEF2 / Elongation Factor 2 Antibody (aa31-80) - Images



Immunofluorescence of HUVEC cells, using eEF2 Antibody.



Western blot of extracts from NIH-3T3 cells, treated with serum 10% 30', using eEF2 Antibody.



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Anti-EEF2 antibody IHC of human prostate.

EEF2 / Elongation Factor 2 Antibody (aa31-80) - Background

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. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome.

EEF2 / Elongation Factor 2 Antibody (aa31-80) - References

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