

eEF2 antibody
Catalog # AP74291**Specification**

eEF2 antibody - Product Information

Application	WB
Primary Accession	P13639
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

eEF2 antibody - Additional Information**Gene ID** 1938**Other Names**

Elongation factor 2 (EF-2)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

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

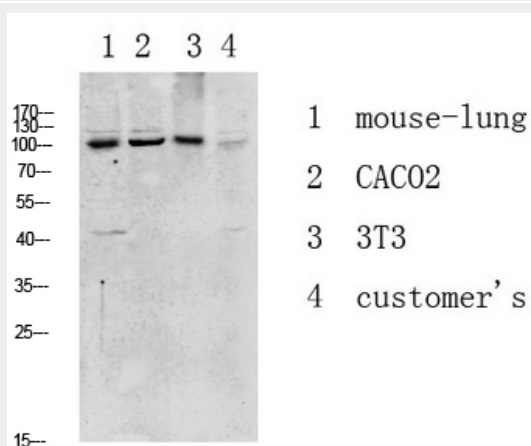
Cytoplasm. Nucleus. Note=Phosphorylation by CSK promotes cleavage and SUMOylation-dependent nuclear translocation of the C- terminal cleavage product.

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



eEF2 antibody - 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.