

Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17593**Specification****Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56) - Product Information**

Application	WB, IHC-P, E
Primary Accession	P13639
Predicted	Human, Mouse, Rat, Hamster, Monkey, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	95338

Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56) - Additional Information**Gene ID 1938**

Alias Symbol	EEF2
Other Names	
EEF2, EEF-2, EF-2, Elongation factor 2, Polypeptidyl-tRNA translocase, EF2	

Target/Specificity

Detects endogenous levels of eEF2 only when phosphorylated at threonine 56. It does not recognize eEF2 phosphorylated at other sites.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56) - Protein Information

Name EEF2

Synonyms EF2

Function

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation (PubMed: [26593721](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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.

Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56) - 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](#)

Anti-EEF2 / Elongation Factor 2 Antibody (phospho-Thr56) - Images