

KD-Validated Anti-EEF2 Rabbit Polyclonal Antibody

Rabbit polyclonal antibody

Catalog # AGI2145

Product Information

Application	WB
Primary Accession	P13639
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	95338
Gene Name	EEF2
Aliases	EEF2; Eukaryotic Translation Elongation Factor 2; EEF-2; EF2; Polypeptidyl-TRNA Translocase; Elongation Factor 2; EF-2; Epididymis Secretory Sperm Binding Protein; C 3.6.5.-; SCA26
Immunogen	A synthesized peptide derived from human EEF2

Additional Information

Gene ID	1938
Other Names	Elongation factor 2, EF-2, 3.6.5.-, EEF2, EF2

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.

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