# [KD Validated] Anti-EEF2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P020525

## Product Information

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|---|---|
| Application | WB |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:2,500 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthesized peptide derived from human EEF2 |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | [KD Validated] Anti-EEF2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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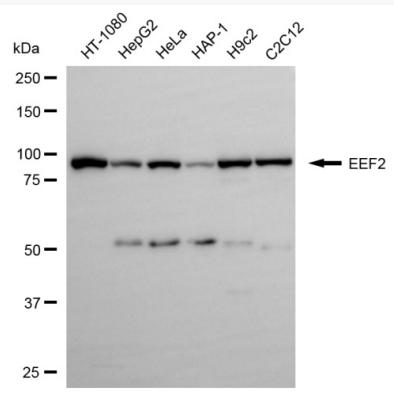
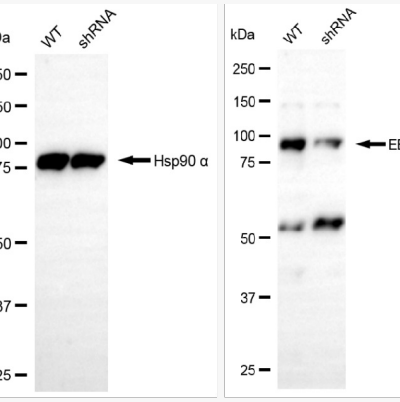
|---|---|
| Synonyms | EEF2; Eukaryotic Translation Elongation Factor 2; EEF-2; EF2; Polypeptidyl-TRNA Translocase; Elongation Factor 2; EF-2; Epididymis Secretory Sperm Binding Protein; C 3.6.5.-; SCA26. |
| Calculated MW | Calculated MW: 95 kDa; Observed MW: 95 kDa |
| Uniprot ID | P13639 |
| Gene ID | 1938 |
| 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. |

## Validation Images




Western blotting analysis using EEF2 antibody (P020525). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with EEF2 antibody (P020525, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.




Western blotting analysis using EEF2 antibody (P020525). EEF2 expression in wild-type (WT) and EEF2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with EEF2 antibody (P020525, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.