

Human/Mouse/Rat eEF-2 Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF3806

DESCRIPTION			
Species Reactivity	Human/Mouse/Rat		
Specificity	Detects human, mouse, and rat eEF-2 in Western blots.		
Source	Polyclonal Goat IgG		
Purification	Antigen Affinity-purified		
Immunogen	E. coli-derived recombinant human eEF-2 Val300-Ser500 Accession # Q6PK56		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.		

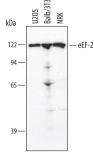
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

DATA

Western Blot



Detection of Human/Mouse/Rat eEF-2 by Western Blot. Western blot shows Iysates of NRK rat normal kidney cell line, U2OS human osteosarcoma cell line, and Balb/373 mouse embryonic fibroblast cell line. PVDF membrane was probed with 1 μ g/mL of Human/Mouse/Rat eEF-2 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF3806) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). A specific band was detected for eEF-2 at approximately 110 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.2 mg/mL in sterile PBS.

ShippingThe product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

The eukaryotic translation elongation factor-2 (eEF-2) is a GTP-binding protein that is required for the translocation step from the A site to the P site of the ribosome. Phosphorylation of eEF-2 by the eEF-2 kinase causes complete inhibition of its activity.

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