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Anti-EEF1A Antibody
Catalog # ABV11938

Specification

Anti-EEF1A Antibody - Product Information

Application	**WB**
Primary Accession	P68104
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Isotype	**Rabbit IgG**
Calculated MW	**50141**

Anti-EEF1A Antibody - Additional Information

Gene ID 1915

Positive Control	**WB: H9C2 PMA-treated (A) whole cell lysates**
Application & Usage	**WB; 1:500 – 1:2000**

Other Names
AcK146, EEF1A1, EEF1A, EF1A, LENG7, Elongation factor 1-alpha 1, EF-1-alpha-1, Elongation factor Tu, EF-Tu; Eukaryotic elongation factor 1 A-1, eEF1A-1, Leukocyte receptor cluster member 7, EEF1A2, EEF1AL, STN, Elongation factor 1-alpha 2, EF-1-alpha-2, Eukaryotic elongation factor 1 A-2, eEF1A-2, Statin-S1, EEF1A1P5, EEF1AL3, Putative elongation factor 1-alpha-like 3, EF-1-alpha-like 3, Eukaryotic elongation factor 1 A-like 3, eEF1A-like 3, Eukaryotic translation elongation factor 1 alpha-1 pseudogene 5

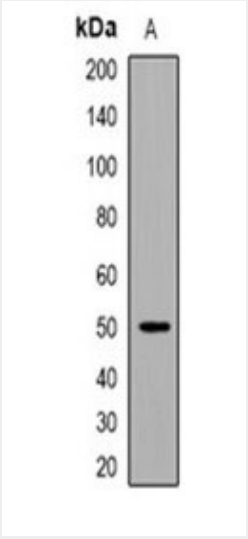
Target/Specificity
EEF1A1

Antibody Form
Liquid

Appearance
Colorless liquid

Handling
The antibody solution should be gently mixed before use

Reconstitution & Storage



WB analysis of EEF1A (AcK146) expression in H9C2 PMA_ treated (A) whole cell lysates

-20°C

Background Descriptions

Precautions
Anti-EEF1A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-EEF1A Antibody - Protein Information

Name EEF1A1

Synonyms EEF1A, EF1A, LENG7

Function
This protein promotes the GTP-dependent binding of aminoacyl- tRNA to the A-site of ribosomes during protein biosynthesis. Plays a role in the positive regulation of IFNG transcription in T-helper 1 cells as part of an IFNG promoter-binding complex with TXK and PARP1 (PubMed:17177976).

Cellular Location
Cytoplasm. Nucleus. Nucleus, nucleolus. Cell membrane. Note=Colocalizes with DLC1 at actin-rich regions in the cell periphery (PubMed:19158340). Translocates together with ZPR1 from the cytoplasm to the nucleus and nucleolus after treatment with mitogens (PubMed:8650580). Localization at the cell membrane depends on EEF1A1 phosphorylation status and the presence of PPP1R16B (PubMed:26497934).

Tissue Location
Brain, placenta, lung, liver, kidney, pancreas but barely detectable in heart and skeletal muscle

Anti-EEF1A 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 Cytomety
- Cell Culture