

EIF2AK1 Rabbit pAb

Catalog No.: A14119 **1 Publications**

Basic Information

Observed MW

71kDa

Calculated MW

71kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Rat

Background

The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

27102

Swiss Prot

Q9BQI3

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HCR; HRI; hHRI; LEMSPAD; EIF2AK1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

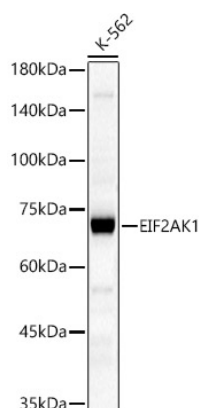
Purification

Affinity purification

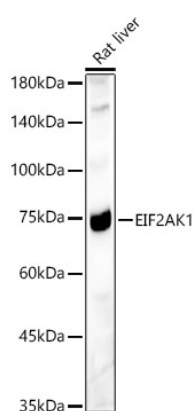
Storage

Store at -20°C

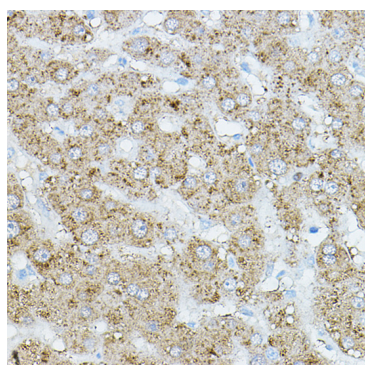
Validation Data



Western blot analysis of lysates from K-562 cells, using EIF2AK1 Rabbit pAb (A14119) at 1:1500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Western blot analysis of lysates from Rat liver, using EIF2AK1 Rabbit pAb (A14119) at 1:1500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human liver using EIF2AK1 Rabbit pAb (A14119) at dilution of 1:500 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.