

Datasheet for ABIN631998
anti-EIF2AK1 antibody (N-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	EIF2AK1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2AK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	EIF2 AK1 antibody was raised using the N terminal of EIF2 K1 corresponding to a region with amino acids TCSDEFSSLRLHHNRAITHLMRSAKERVQRQDPCEDISRIQKIRSREVALE
Specificity:	EIF2 AK1 antibody was raised against the N terminal of EIF2 K1
Purification:	Affinity purified

Target Details

Target:	EIF2AK1
Alternative Name:	EIF2AK1 (EIF2AK1 Products)
Background:	EIF2AK1 acts at the level of translation initiation to downregulate protein synthesis in response to stress. The protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene.

Target Details

Molecular Weight: 71 kDa (MW of target protein)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: EIF2AK1 Blocking Peptide, catalog no. 33R-9000, is also available for use as a blocking control in assays to test for specificity of this EIF2AK1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of EIF0 K1 antibody in PBS

Concentration: Lot specific

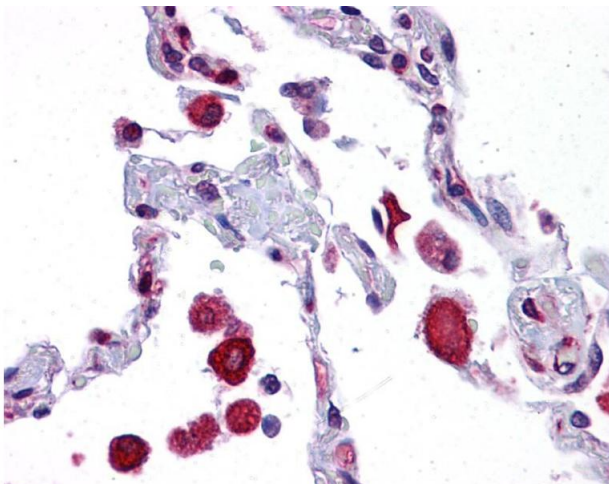
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

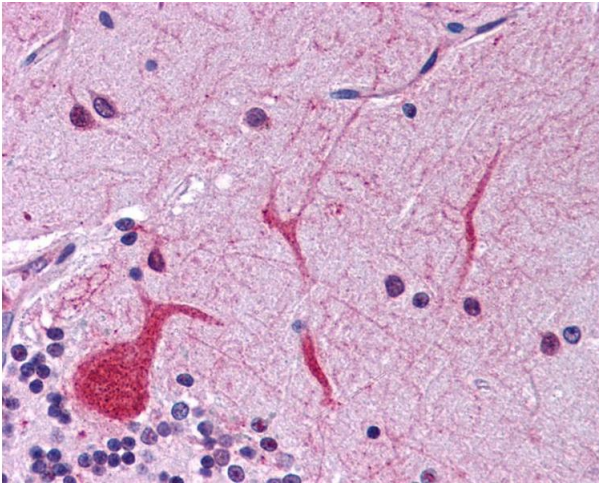
Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



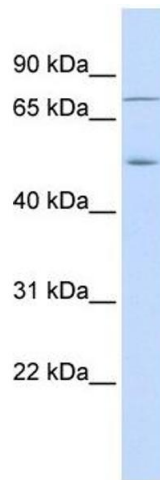
Immunohistochemistry

Image 1. EIF2AK1 antibody was used for immunohistochemistry at a concentration of 4-8 µg/ml. Magnification is at 400X



Immunohistochemistry

Image 2. EIF2AK1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



Western Blotting

Image 3. EIF2AK1 antibody used at 1 ug/ml to detect target protein.