

Datasheet for ABIN3028642
anti-EIF4B antibody (AA 400-429)



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Overview

Quantity:	0.4 mL
Target:	EIF4B
Binding Specificity:	AA 400-429
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 400-429 from the human protein was used as the immunogen for this EIF4B antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	EIF4B
Alternative Name:	EIF4B (EIF4B Products)
Background:	EIF4B is required for the binding of mRNA to ribosomes. It functions in close association with EIF4-F and EIF4-A by binding near the 5'- terminal cap of mRNA in presence of EIF-4F and ATP. It also promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both

Target Details

EIF4-A and EIF4-F

UniProt: [P23588](#)

Application Details

Application Notes: Titration of the EIF4B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

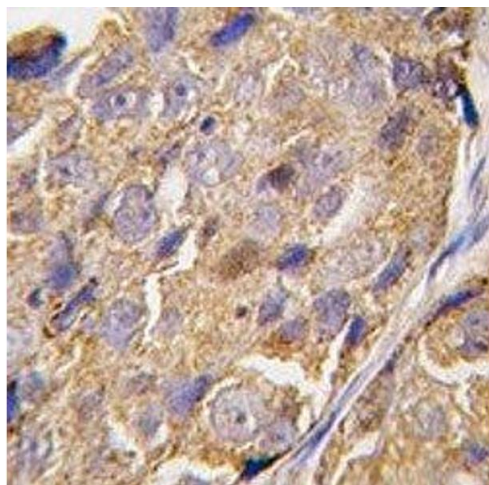
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

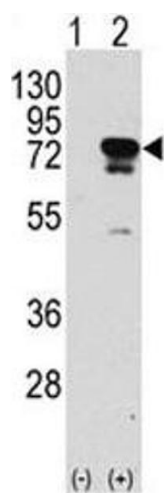
Storage Comment: Aliquot the EIF4B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



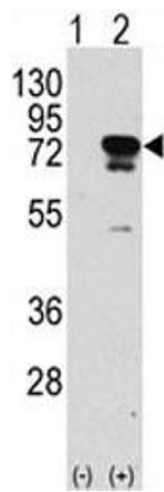
Immunohistochemistry

Image 1. IHC analysis of FFPE human breast carcinoma tissue stained with EIF4B antibody



Western Blotting

Image 2. Western blot analysis of EIF4B antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EIF4B gene (2).



Western Blotting

Image 3. Western blot analysis of EIF4B antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EIF4B gene (2).