

Datasheet for ABIN650677

anti-EIF4E2 antibody

5 Images

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Overview

Quantity:	400 µL
Target:	EIF4E2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4E2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This EIF4E2 antibody is generated from rabbits immunized with human EIF4E2 recombinant protein.
Clone:	RB22944
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EIF4E2
Alternative Name:	EIF4E2 (EIF4E2 Products)
Background:	EIF4E2 is expressed exclusively in the cytoplasm. This protein recognizes and binds the 7 methylguanosine containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary

Target Details

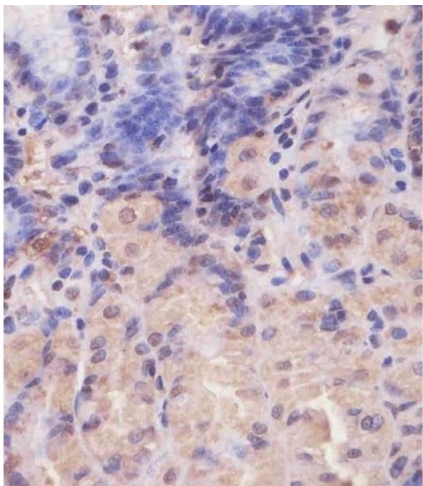
	structures.
Molecular Weight:	28362
Gene ID:	9470
NCBI Accession:	NP_004837
UniProt:	O60573
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:2000. WB: 1:2000. WB: 1:2000. IHC-P: 1:25. IHC-P: 1:25
Restrictions:	For Research Use only

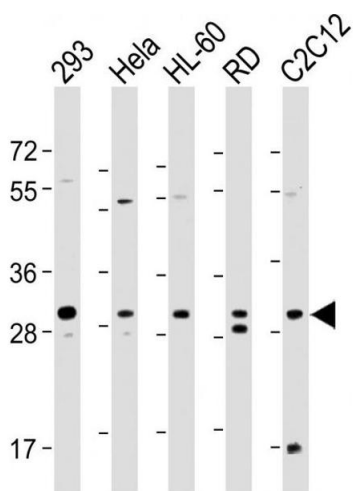
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



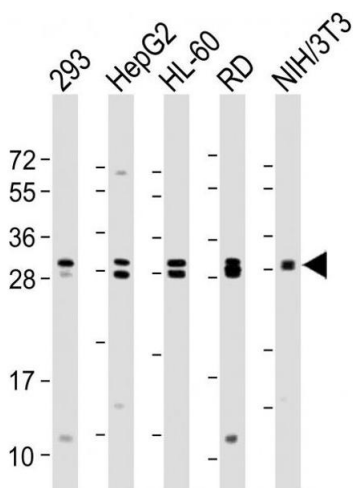
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN650677 and ABIN2838644) staining EIF4E2 in human stomach tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-EIF4E2 Antibody at 1:2000 dilution
Lane 1: 293 whole cell lysate Lane 2: HeLa whole cell lysate
Lane 3: HL-60 whole cell lysate Lane 4: RD whole cell lysate
Lane 5: C2C12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28, 27 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. All lanes : Anti-EIF4E2 Antibody at 1:2000 dilution
Lane 1: 293 whole cell lysate Lane 2: HepG2 whole cell lysate
Lane 3: HL-60 whole cell lysate Lane 4: RD whole cell lysate
Lane 5: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28, 27 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN650677.