

Datasheet for ABIN2787869
anti-EIF4E2 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EIF4E2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4E2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF4E2
Sequence:	YTFWYSRRTP GRPTSSQSYE QNIKQIGTFA SVEQFWRFYS HMVRPGDLTG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against EIF4E2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF4E2
Alternative Name:	EIF4E2 (EIF4E2 Products)

Target Details

Background:	EIF4E2 belongs to the eukaryotic initiation factor 4E family. It 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 structures. Alias Symbols: 4E-LP, 4EHP, EIF4EL3, IF4e Protein Interaction Partner: USHBP1, CARD9, PRDM14, HOMEZ, TRIM54, NECAB2, ADAMTSL4, AMOTL2, SPAG5, SPRY2, HUWE1, TMCC2, MAGED1, TCF4, TADA2A, TRIM27, REL, MYOG, KRT31, KRT19, KRT13, CDR2, AES, MAPRE3, NOTCH2NL, KRTAP10-8, KRTAP10-5, KRTAP10-9, ZBTB9, SPERT, USP54, MIPOL1, KRT40, UBX Protein Size: 245
Molecular Weight:	28 kDa
Gene ID:	9470
NCBI Accession:	NM_004846 , NP_004837
UniProt:	O60573
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 245 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



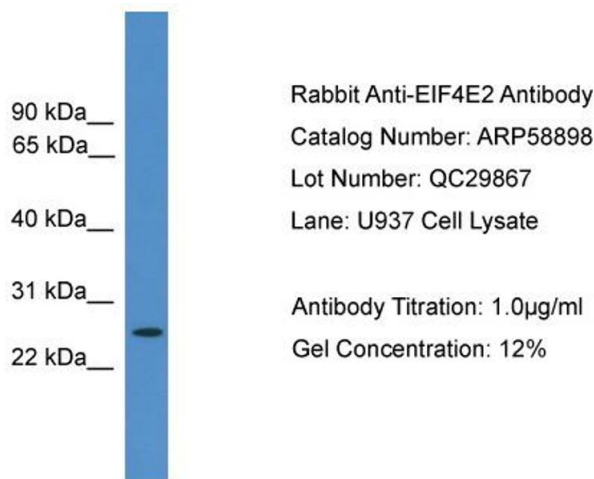
Western Blotting

Image 1. WB Suggested Anti-EIF4E2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: U937 cell lysate



Western Blotting

Image 2. WB Suggested Anti-EIF4E2

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: U937 cell lysate