

Datasheet for ABIN2778867
anti-EIF4G3 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	EIF4G3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4G3 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 EIF4G3
Sequence:	TAASDQKQEE KPKPDPVLKS PSPVLRLVLS GEKKEQEGQT SETTAIVSIA
Predicted Reactivity:	Cow: 85%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against EIF4G3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EIF4G3
Alternative Name:	EIF4G3 (EIF4G3 Products)

Target Details

Background: EIF4G3 is probable component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome. It is thought to be a functional homolog of EIF4G1.

Alias Symbols: eIF4G 3, eIF4GII, eIF-4G 3

Protein Interaction Partner: UBC, LGR4, TARDBP, ESR1, LIG4, EIF4G2, EIF4G1, EIF4A2, EIF4A1, SIRT7, VAV2, MKNK1, USP10, EIF3H, EIF3F, CAMK1, PABPC1, EIF4E,

Protein Size: 515

Molecular Weight: 57 kDa

Gene ID: 8672

NCBI Accession: [NM_001198801](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 515 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.

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.



Western Blotting

Image 1. WB Suggested Anti-EIF4G3 Antibody Titration:
0.2-1 ug/ml Positive Control: Jurkat cell lysate