

Datasheet for ABIN2778868
anti-EIF4G3 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	EIF4G3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Guinea Pig, Dog
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 middle region of human EIF4G3
Sequence:	MRGGSSKDLL DNQSQEEQRR EMLETVKQLT GGVDVERNST EAERNKTRES
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
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
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Target Details

Alternative Name:	EIF4G3 (EIF4G3 Products)
Background:	<p>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.</p> <p>Alias Symbols: eIF4GII, eIF4G 3, eIF-4G 3</p> <p>Protein Interaction Partner: UBC, LGR4, TARDBP, ESR1, LIG4, EIF4G2, EIF4G1, EIF4A2, EIF4A1, SIRT7, VAV2, MKNK1, USP10, EIF3H, EIF3F, CAMK1, PABPC1, EIF4E,</p> <p>Protein Size: 1585</p>
Molecular Weight:	174 kDa
Gene ID:	8672
NCBI Accession:	NM_003760 , NP_003751
UniProt:	O43432

Application Details

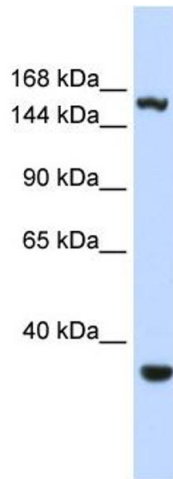
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1585 AA
Restrictions:	For Research Use only

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.

Product cited in: Sweetman, Münsterberg: "The vertebrate spalt genes in development and disease." in:
Developmental biology, Vol. 293, Issue 2, pp. 285-93, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-EIF4G3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HeLa cell lysate EIF4G3 is supported by BioGPS gene expression data to be expressed in HeLa