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Datasheet for ABIN2778865

## anti-EIF3G antibody (Middle Region)

5 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	EIF3G
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Cow, Horse, Guinea Pig, Zebrafish (Danio rerio), Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3G antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EIF3G
Sequence:	LRDGASRRGE SMQPNRRADD NATIRVTNLS EDTRETDLQE LFRPFGSISR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 86%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EIF3G. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	EIF3G
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## Target Details

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Alternative Name:	<a href="#">EIF3G (EIF3G Products)</a>
Background:	<p>EIF3G belongs to the eIF-3 subunit G family. It is a component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis.</p> <p>Alias Symbols: EIF3-P42, EIF3S4, eIF3-delta, eIF3-p44</p> <p>Protein Interaction Partner: FAM9B, GOLGA2, SUMO2, EIF3I, NCL, DYNC1I2, EIF3B, EIF3C, NPM1, ICAM1, CD81, IGSF8, PAN2, EIF3D, DDX3X, gag-pol, EIF3L, EIF3K, EIF3M, EIF3H, EIF3F, EIF3A, EIF3E, APP, CUL3, ACD, POT1, YWHAZ, UBC, GADD45G, TK1, SNCA, SMN1, PKN2, PIN1, Itsn2, USP3, MPHOSPH6,</p> <p>Protein Size: 320</p>
Molecular Weight:	35 kDa
Gene ID:	8666
NCBI Accession:	<a href="#">NM_003755, NP_003746</a>
UniProt:	<a href="#">O75821</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 320 AA
Restrictions:	For Research Use only

## Handling

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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

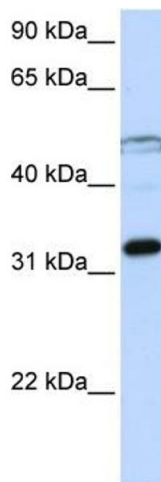
Storage: -20 °C

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.

## Publications

Product cited in: Sugatani, Nishitani, Yamakawa, Yoshinari, Sueyoshi, Negishi, Miwa: "Transcriptional regulation of human UGT1A1 gene expression: activated glucocorticoid receptor enhances constitutive androstane receptor/pregnane X receptor-mediated UDP-glucuronosyltransferase 1A1 regulation with glucocorticoid receptor-interacting protei" in: **Molecular pharmacology**, Vol. 67, Issue 3, pp. 845-55, (2005) ([PubMed](#)).

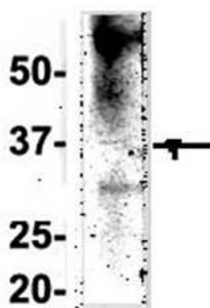
## Images



### Western Blotting

**Image 1.** WB Suggested Anti-EIF3G Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate

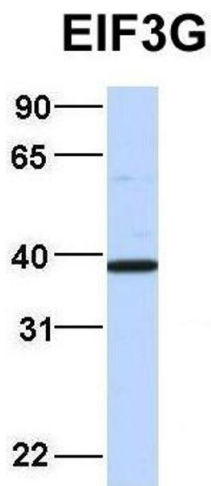
### EIF3G



### Western Blotting

**Image 2.** IP Suggested Anti-EIF3G Antibody  
**Positive Control:** NT2 CELL/BRAIN TISSUE

See Other Application 1 Data and Customer Feedback tab for more information.



#### Western Blotting

**Image 3.** Host: Rabbit Target Name: EIF3G Sample Type: MCF7 Antibody Dilution: 1.0ug/ml EIF3G is supported by BioGPS gene expression data to be expressed in MCF7

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2778865.