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Datasheet for ABIN7260709 anti-EIF4G2 antibody

2 Images



#### Overview

Quantity:	200 µL
Target:	EIF4G2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4G2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

# Product Details

Immunogen:	A synthetic peptide of human EIF4G2 (NP_001409.3).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# Target Details

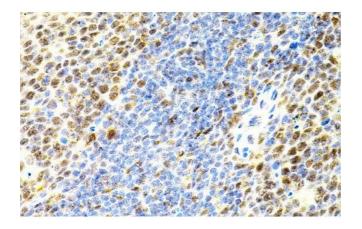
Target:	EIF4G2
Alternative Name:	EIF4G2 (EIF4G2 Products)
Background:	Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of
	three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with
	the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3, eIF4G, in

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	addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-
	dependent and independent translation, this gene product functions as a general repressor of
	translation by forming translationally inactive complexes. In vitro and in vivo studies indicate
	that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively
	spliced transcript variants encoding different isoforms of this gene have been described.
Gene ID:	1982
UniProt:	P78344

# Application Details

Application Notes:	IHC 1:100-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse spleen using EIF4G2 Polyclonal Antibody

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human stomach using EIF4G2 Polyclonal Antibody

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