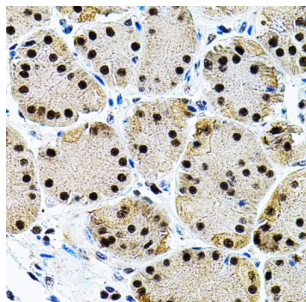
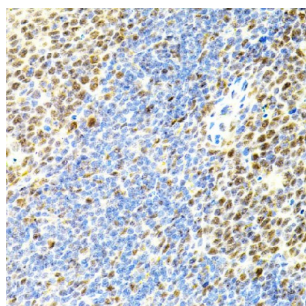


Eukaryotic Translation Initiation Factor 4 Gamma 2 (EIF4G2) Antibody

Catalogue No.: abx002128



Immunohistochemistry of paraffin-embedded Human stomach using EIF4G2 Antibody



Immunohistochemistry of paraffin-embedded Mouse spleen using EIF4G2 Antibody

EIF4G2 Antibody is a Rabbit Polyclonal antibody against EIF4G2. 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 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.

Target: Eukaryotic Translation Initiation Factor 4 Gamma 2 (EIF4G2)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IHC

Host: Rabbit

Recommended dilutions: IHC-P: 1/100 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human EIF4G2

Datasheet

Version: 3.0.0
Revision date: 28 Apr 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P78344 (UniProt , ExPASy)
Gene Symbol:	EIF4G2
GeneID:	1982
NCBI Accession:	NP_001409.3
KEGG:	hsa:1982
String:	9606.ENSP00000433664
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.