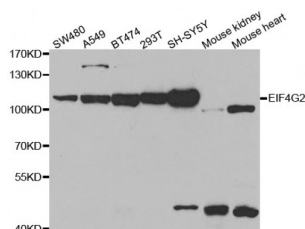


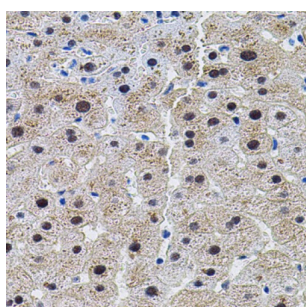
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Eukaryotic Translation Initiation Factor 4 Gamma 2 (EIF4G2) Antibody

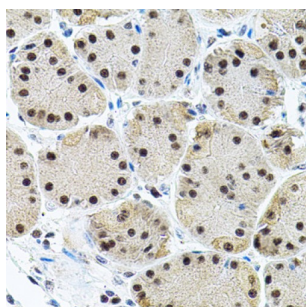
Catalogue No.: abx002128



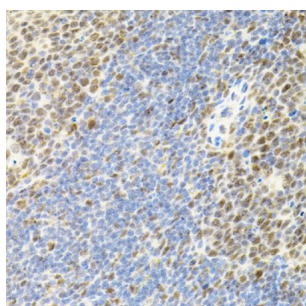
Western blot analysis of extracts of various cell lines, using EIF4G2 antibody (abx002128) at 1:400 dilution.



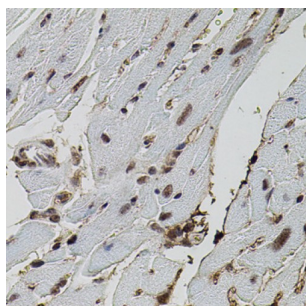
Immunohistochemistry of paraffin-embedded human liver injury using EIF4G2 antibody (abx002128) (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using EIF4G2 antibody (abx002128) (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using EIF4G2 antibody (abx002128) (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using EIF4G2 antibody (abx002128) (40x lens).

EIF4G2 Antibody is a Rabbit Polyclonal antibody against EIF4G2. Translation initiation is mediated by specific recognition of the

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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: EIF4G2

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/1000, IHC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: A synthetic peptide of human EIF4G2.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 98 kDa/102 kDa
Observed MW: 110 kDa

Swiss Prot: [P78344](#)

GeneID: [1982](#)

Gene Symbol: EIF4G2

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.