

Datasheet for ABIN2855138
anti-EIF4G2 antibody (C-Term)



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4 Images

Overview

Quantity:	100 µL
Target:	EIF4G2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4G2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human DAP5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to DAP5 (eukaryotic translation initiation factor 4 gamma, 2) DAP5 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	EIF4G2
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Target Details

Alternative Name:	eukaryotic translation initiation factor 4 gamma 2 (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 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.
Molecular Weight:	102 kDa
Gene ID:	1982
UniProt:	P78344

Application Details

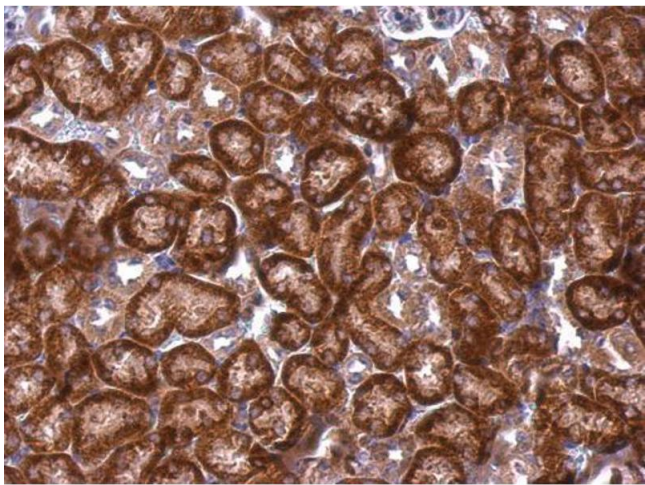
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , HeLa , HepG2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.39 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

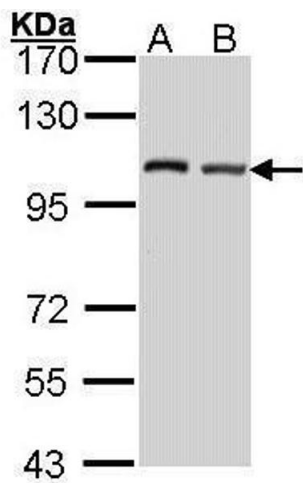
multiple freeze-thaw cycles.

Images



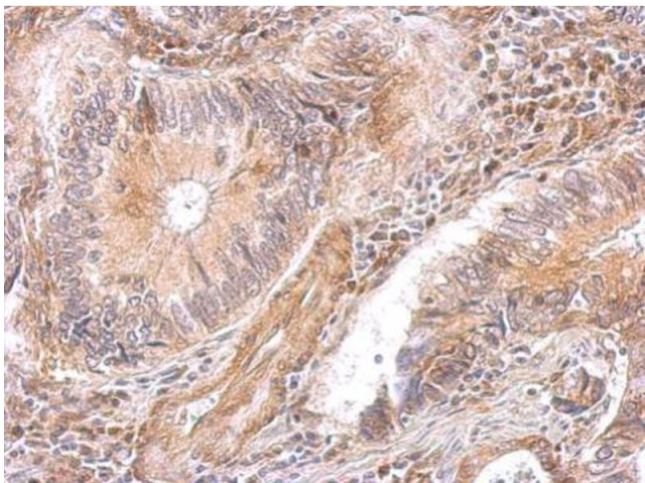
Immunohistochemistry

Image 1. IHC-P Image DAP5 antibody [C2C3], C-term detects DAP5 protein at cytosol on mouse kidney by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. DAP5 antibody [C2C3], C-term , dilution: 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HeLa B: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image DAP5 antibody [C2C3], C-term detects EIF4G2 protein at cytosol on human gastric cancer by immunohistochemical analysis. Sample: Paraffin-embedded gastric cancer. DAP5 antibody [C2C3], C-term , dilution: 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855138.