# antibodies .- online.com







## anti-EIF4G2 antibody (C-Term)



Overview

Clonality:



|  | Quantity: | 100 μL |  |
|--|-----------|--------|--|
|  | Target:   | EIF4G2 |  |

Binding Specificity: C-Term

Reactivity: Human

Host: Rabbit

Conjugate: This EIF4G2 antibody is un-conjugated

Polyclonal

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

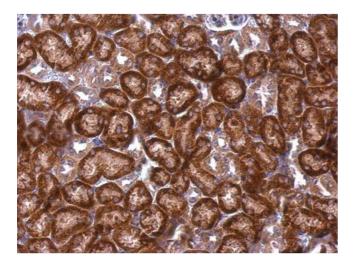
Target: EIF4G2

## 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      |
|                     |                                                                                                   |

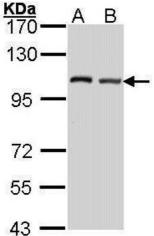
multiple freeze-thaw cycles.

### **Images**



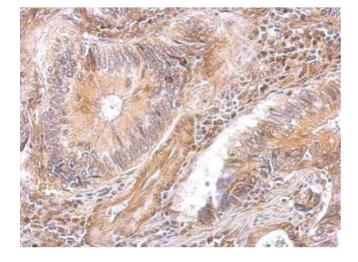
#### **Immunohistochemistry**

**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: Paraffinembedded 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.