

For Research Use Only

# EIF2C3-Specific Polyclonal antibody



Catalog Number: 19692-1-AP

1 Publications

## Basic Information

**Catalog Number:**

19692-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_024852

**GeneID (NCBI):**

192669

**UNIPROT ID:**

Q9H9G7

**Full Name:**

eukaryotic translation initiation factor 2C, 3

**Calculated MW:**

97 kDa

**Observed MW:**

90-100 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IHC 1:500-1:2000

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : SKOV-3 cells, HepG2 cells

IHC : human stomach cancer tissue,

## Background Information

EIF2C3, also named as AGO3, belongs to the argonaute family and Ago subfamily. It is required for RNA-mediated gene silencing (RNAi). EIF2C3 binds to short RNAs such as microRNAs (miRNAs) and represses the translation of mRNAs which are complementary to them. EIF2C3 lacks endonuclease activity and does not appear to cleave target mRNAs. This antibody is specific to EIF2C3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kai Zhang	30297778	Nat Struct Mol Biol	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

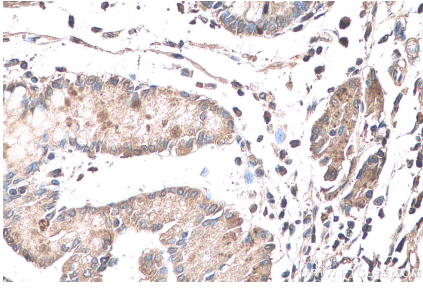
T: 4006900926

E: Proteintech-CN@ptglab.com

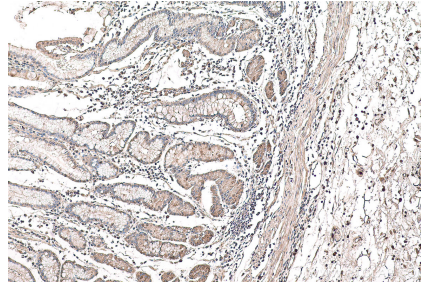
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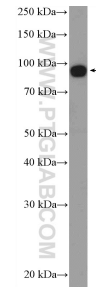
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 19692-1-AP (EIF2C3-Specific antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 19692-1-AP (EIF2C3-Specific antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 19692-1-AP (EIF2C3-Specific Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.