

For Research Use Only

EIF2C3-Specific Polyclonal antibody



Catalog Number: 19692-1-AP

1 Publications

Basic Information

Catalog Number: 19692-1-AP	GenBank Accession Number: NM_024852	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 192669	Recommended Dilutions: WB 1:200-1:1000 IHC 1:500-1:2000
Source: Rabbit	Full Name: eukaryotic translation initiation factor 2C, 3	
Isotype: IgG	Calculated MW: 97 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : SKOV-3 cells, HepG2 cells IHC : human stomach cancer tissue,
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

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

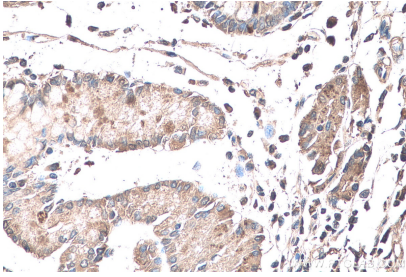
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

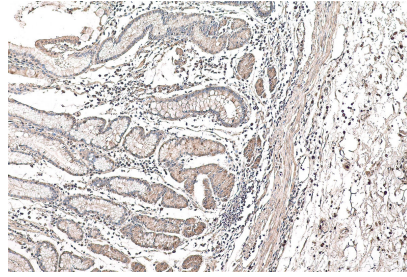
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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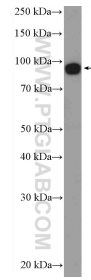
Selected Validation Data



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.