

For Research Use Only

# AIFM3 Polyclonal antibody, PBS Only

Catalog Number:14778-1-PBS



## Basic Information

Catalog Number:

14778-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6278

GenBank Accession Number:

BC032485

GeneID (NCBI):

150209

UNIPROT ID:

Q96NN9

Full Name:

apoptosis-inducing factor,  
mitochondrion-associated, 3

Calculated MW:

67 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Apoptosis-inducing factor, mitochondrion-associated 3 (AIFM3) is a mitochondrial protein/flavoenzyme and its gene is located on chromosome 22q11.21. Mature human AIFM3 protein consists of 598 amino acids with a molecular weight of 66 kDa and is predominantly localized in the mitochondria. AIFM3 is widely expressed in many tissues, and breast cancer tissues and cholangiocarcinoma tissue (PMID: 32664187).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

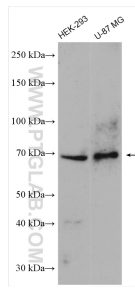
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

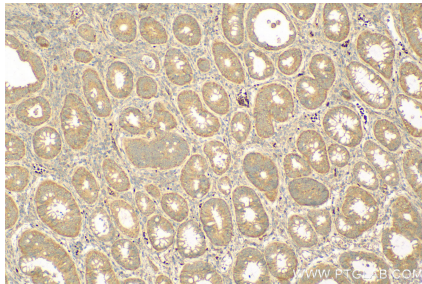
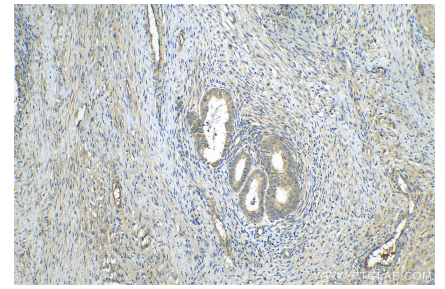
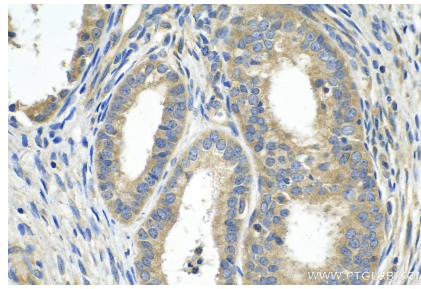
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

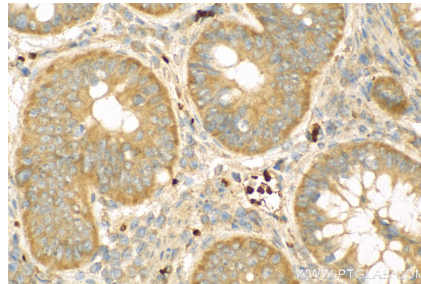
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14778-1-AP (AIFM3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14778-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Colorectal cancer slide using 14778-1-AP (AIFM3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14778-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Colorectal cancer slide using 14778-1-AP (AIFM3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14778-1-PBS in a different storage buffer formulation.