

For Research Use Only

# FAM83B Polyclonal antibody

Catalog Number: 26032-1-AP



## Basic Information

Catalog Number:

26032-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22951

GenBank Accession Number:

BC112275

GeneID (NCBI):

222584

UNIPROT ID:

Q5T0W9

Full Name:

family with sequence similarity 83, member B

Calculated MW:

1011 aa, 115 kDa

Observed MW:

115 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IHC: 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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: MCF-7 cells,

IHC: human brown disease,

## Background Information

FAM83B, also known as C6orf143, belongs to the FAM83 family. FAM83B is an oncogene and promotes cell transformation through activating various pathway in different kinds of tumors. FAM83B over expressed in several kinds of malignant tumors, such as breast cancer, cervical cancer, endometrial cancer, pancreatic ductal adenocarcinoma, etc. Overexpression of FAM83B could promote the malignant biological behaviors of these tumors (PMID: 33423038, 36690987). The calculated molecular weight of FAM83B is 115 kDa.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

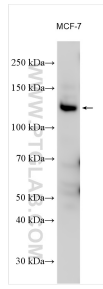
T: 4006900926

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

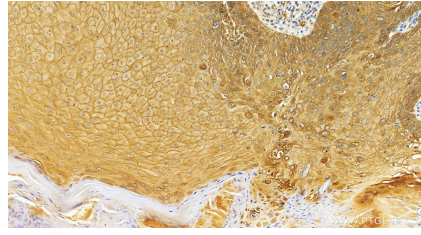
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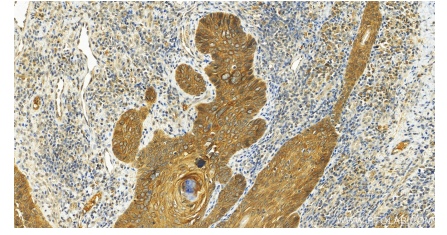
## Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 26032-1-AP (FAM83B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast tissue using 26032-1-AP (FAM83B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast tissue using 26032-1-AP (FAM83B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).