

For Research Use Only

# Midkine Polyclonal antibody

Catalog Number: 28546-1-AP

3 Publications



## Basic Information

Catalog Number:

28546-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29185

GenBank Accession Number:

BC011704

GeneID (NCBI):

4192

UNIPROT ID:

P21741

Full Name:

midkine (neurite growth-promoting factor 2)

Calculated MW:

16 kDa

Observed MW:

16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:250-1:1000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

Human, mouse

Cited Species:

human, mouse

**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: mouse embryo tissue,

IHC: human pancreas cancer tissue, human stomach cancer tissue, human lung cancer tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Qian Jiang	39072291	Mol Ther Oncol	WB, IHC
Masahiro Hashimoto	38614865	EBioMedicine	WB
Chengming Qu	38253029	ACS Nano	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

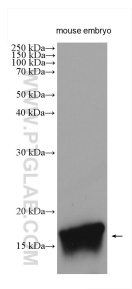
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

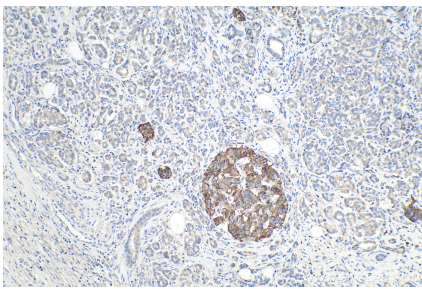
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

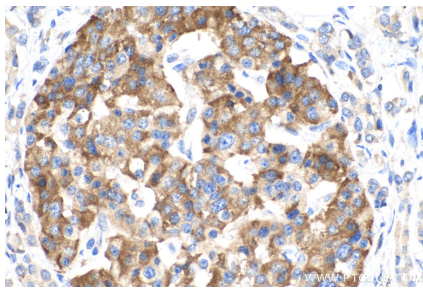
## Selected Validation Data



Mouse embryo tissues were subjected to SDS PAGE followed by western blot with 28546-1-AP (Midkine antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 28546-1-AP (Midkine antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 28546-1-AP (Midkine antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).