

For Research Use Only

# SEMA3C Polyclonal antibody

Catalog Number:30638-1-AP



## Basic Information

Catalog Number:

30638-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32426

GenBank Accession Number:

BC030690

GeneID (NCBI):

10512

UNIPROT ID:

Q99985

Full Name:

sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C

Calculated MW:

85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

## Applications

Tested Applications:

IHC, ELISA

Species Specificity:

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:

IHC : mouse pancreas tissue,

## Background Information

SEMA3C (Semaphorin 3C) is associated with tumor progression and poor prognosis across multiple tumor types, including pancreatic, gastric, prostate, and breast cancer, as well as glioma. It is worth noting that full-length SEMA3C has also been reported as a tumor suppressor factor by suppressing tumor lymphangiogenesis and metastasis (PMID: 31649890).

## 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:

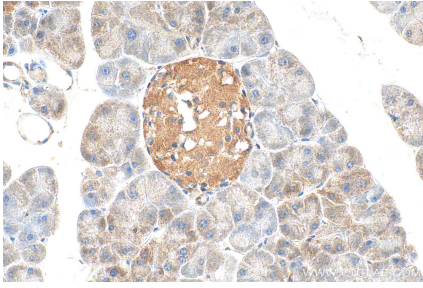
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 30638-1-AP (SEMA3C antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).