

For Research Use Only

MAOA Polyclonal antibody, PBS Only

Catalog Number: 10539-1-PBS

Featured Product



Basic Information

Catalog Number:

10539-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0821

GenBank Accession Number:

BC008064

GeneID (NCBI):

4128

UNIPROT ID:

P21397

Full Name:

monoamine oxidase A

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

Background Information

MAOA belongs to the flavin monoamine oxidase family. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

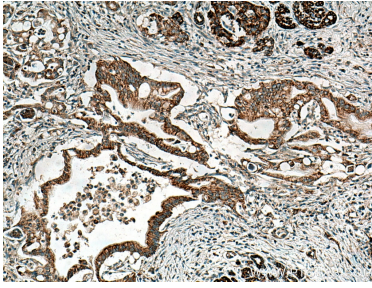
For technical support and original validation data for this product please contact:

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

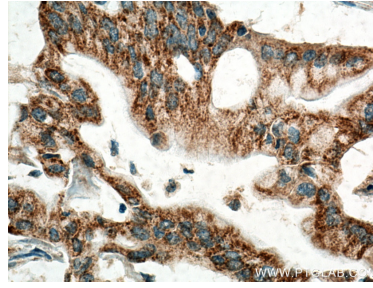
E: proteintech@ptglab.com
W: ptglab.com

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

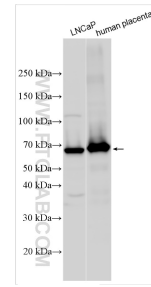
Selected Validation Data



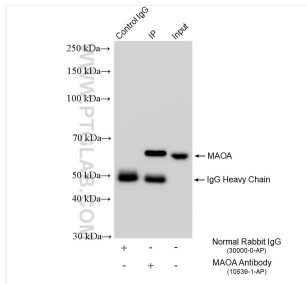
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10539-1-AP (MAOA antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10539-1-PBS in a different storage buffer formulation.



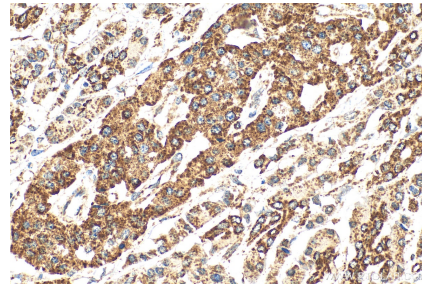
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10539-1-AP (MAOA antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10539-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 10539-1-AP (MAOA antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10539-1-PBS in a different storage buffer formulation.



IP result of anti-MAOA (IP:10539-1-AP, 4ug; Detection:10539-1-AP 1:5000) with LNCaP cells lysate 880 ug. This data was developed using the same antibody clone with 10539-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10539-1-AP (MAOA antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10539-1-PBS in a different storage buffer formulation.