

For Research Use Only

MAOA Monoclonal antibody

Catalog Number: 68471-1-Ig



Basic Information

Catalog Number: 68471-1-Ig	GenBank Accession Number: BC008064	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4128	CloneNo.: 1A9E4
Source: Mouse	Full Name: monoamine oxidase A	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:500-1:2000
Isotype: IgG1	Calculated MW: 60 kDa	
Immunogen Catalog Number: AG30028	Observed MW: 60 kDa	

Applications

Tested Applications:
IHC, WB, 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 : K-562 cells, U2OS cells, LNCaP cells, Jurkat cells

IHC : human pancreas cancer tissue,

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 -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

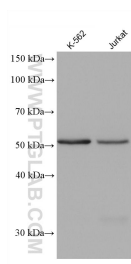
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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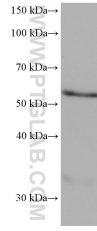
E: proteintech@ptglab.com
W: ptglab.com

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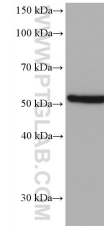
Selected Validation Data



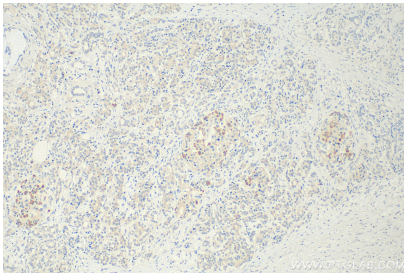
Various lysates were subjected to SDS PAGE followed by western blot with 68471-1-Ig (MAOA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



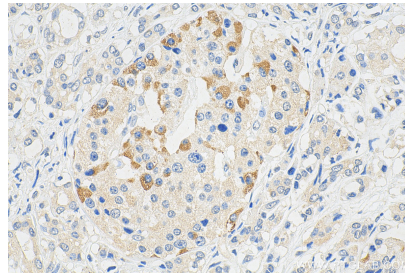
U2OS cells were subjected to SDS PAGE followed by western blot with 68471-1-Ig (MAOA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



LNCaP cells were subjected to SDS PAGE followed by western blot with 68471-1-Ig (MAOA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 68471-1-Ig (MAOA antibody) at dilution of 1:1000 (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 68471-1-Ig (MAOA antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).