

For Research Use Only

LPO Polyclonal antibody

Catalog Number: 10376-1-AP

6 Publications



Basic Information

Catalog Number:

10376-1-AP

Size:

150ul, Concentration: 160 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC107167

GeneID (NCBI):

4025

UNIPROT ID:

P22079

Full Name:

Lactoperoxidase

Calculated MW:

80 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: human saliva tissue, K-562 cells

IHC: human colon cancer tissue, human breast cancer tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Notable Publications

Author	Pubmed ID	Journal	Application
Marlena Godlewska	29513734	PLoS One	WB
Marlena Godlewska	28575127	PLoS One	
Sarah A Wedemeyer	39972173	Nat Aging	IF

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

*** 20ul sizes contain 0.1% BSA

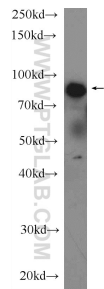
For technical support and original validation data for this product please contact:

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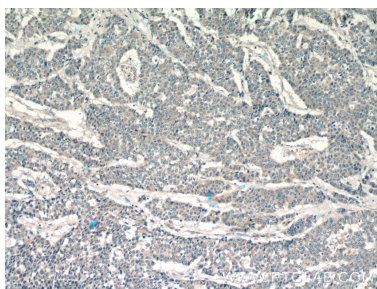
E: proteintech@ptglab.com
W: ptglab.com

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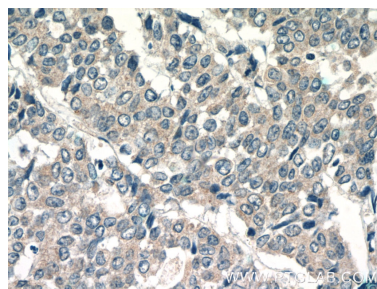
Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 10376-1-AP (LPO Antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10376-1-AP (LPO Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10376-1-AP (LPO Antibody) at dilution of 1:50 (under 40x lens).