

For Research Use Only

# LPO Polyclonal antibody

Catalog Number: 10376-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 10376-1-AP	<b>GenBank Accession Number:</b> BC107167	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 160 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4025	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> Lactoperoxidase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 80 kDa	
	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : human saliva tissue, K-562 cells
<b>Cited Applications:</b> IHC, WB	<b>IHC :</b> human colon cancer tissue, human breast cancer tissue
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Marlena Godlewska	29513734	PLoS One	WB
Marlena Godlewska	28575127	PLoS One	
Qiwu Zhao	37745305	Front Cell Dev Biol	IHC

## Storage

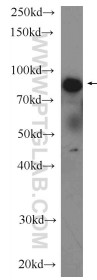
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

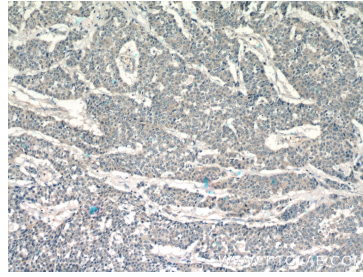
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

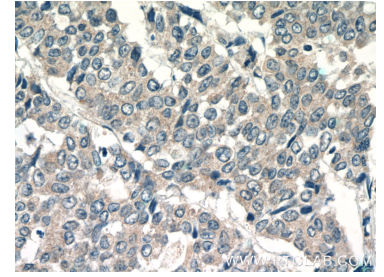
## Selected Validation Data



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).