

LPO Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Bovine, Goat, Human, Mouse, Sheep
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a C-terminal portion (within residues 650-712) of human Lactoperoxidase.
Form	Liquid
Concentration	1.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 30% glycerol
Contains	0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2135763

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-2 µg/mL	1 Publication
Immunohistochemistry (IHC)	-	2 Publications

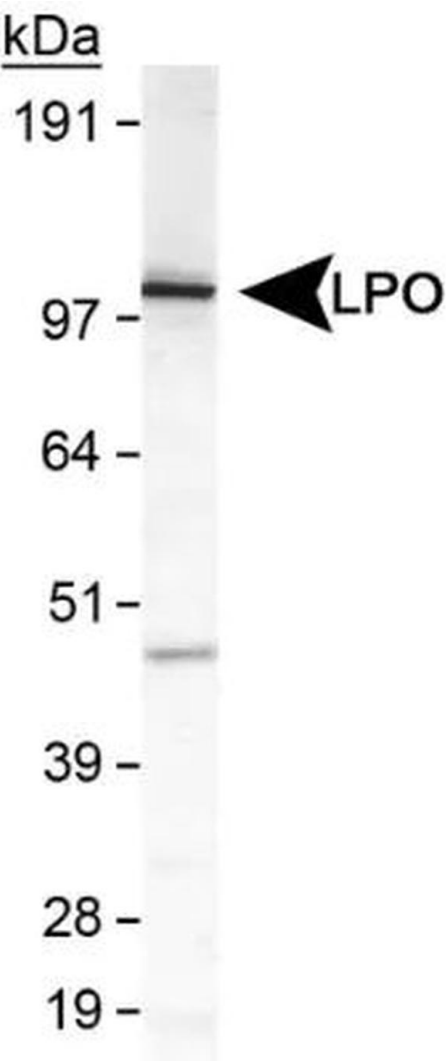
Product Specific Information

This Lactoperoxidase antibody is useful for Western blot analysis where a band is seen at ~100 kDa.

Caution, do not use milk for the blocking or dilution buffers.

Suggested positive control: MDA-MB231 cell lysate.

Product Images For LPO Polyclonal Antibody



LPO Antibody (PA1-46353) in WB
Western blot analysis of LPO in MDA-MB231 cell lysate. Sample was incubated in LPO polyclonal antibody (Product # PA1-46353).

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Western Blot (1)

Free radical biology & medicine	Year 2012
Expression of lactoperoxidase in differentiated mouse colon epithelial cells.	Species Mouse
"Published figure using LPO polyclonal antibody (Product # PA1-46353) in Immunohistochemistry"	
Authors: Kim BW,Esworthy RS,Hahn MA,Pfeifer GP,Chu FF	

Immunohistochemistry (2)

PLoS genetics	Year 2013
Loss of miR-10a activates lpo and collaborates with activated Wnt signaling in inducing intestinal neoplasia in female mice.	Species Mouse
"PA1-46353 was used in immunohistochemistry to study the roles of lpo and Wnt signaling in the development of intestinal neoplasia in female mice deleted for miRNA-10a"	
Authors: Stadthagen G,Tehler D,Høyland-Kroghsbo NM,Wen J,Krogh A,Jensen KT,Santoni-Rugiu E,Engelholm LH,Lund AH	
	Dilution 1:200

Free radical biology & medicine	Year 2012
Expression of lactoperoxidase in differentiated mouse colon epithelial cells.	Species Mouse
"Published figure using LPO polyclonal antibody (Product # PA1-46353) in Immunohistochemistry"	
Authors: Kim BW,Esworthy RS,Hahn MA,Pfeifer GP,Chu FF	

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