

Rabbit Lactoperoxidase (LPO) Polyclonal Antibody | anti-LPO antibody

Polyclonal Antibody to Lactoperoxidase (LPO)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131937	Rabbit	Rat, Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

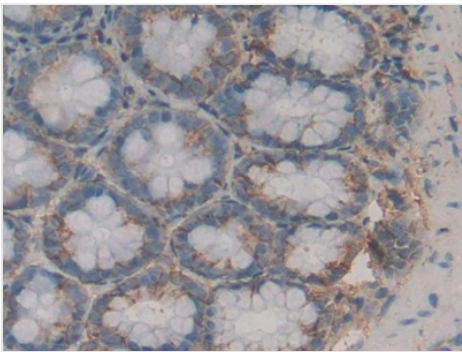
PRODUCT SYNONYMS

Lactoperoxidase (LPO); Polyclonal Antibody; Polyclonal Antibody to Lactoperoxidase (LPO); anti-LPO antibody

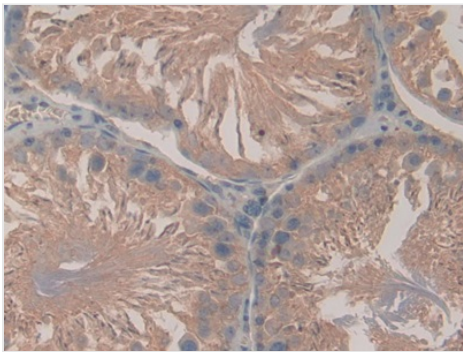
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against LPO. It has been selected for its ability to recognize LPO in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-PCEVINAT AGVPCFLAGD SRASEQILLA TSHTLFIREH NRLARELSTL NPHWDGETLY QETRKIMGAF IQIITFRDYL PILLGDEMOK WIPPYQGYNE SVDPRISNVF TFAFRFGHLE IPSTVSRLE NYQPWGSEPE LPLHTVFFNT WRLVKDGGID PLVRGLLAKK AKLMHQDRMM TGLRNKLFQ PTHTIHGFDL ASINIQRCD HGMPGYNSWR AFCGLSQPKT LEELSAVMEN E
Sequence Length	324
Applicable Applications for anti-LPO antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant LPO (Pro351–Glu589) expressed in E.coli.
Cross Reactivity	Human, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

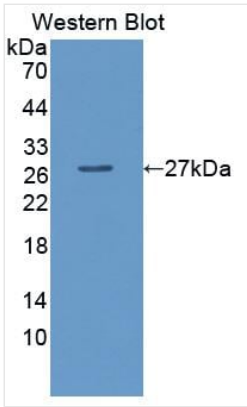
IMAGES



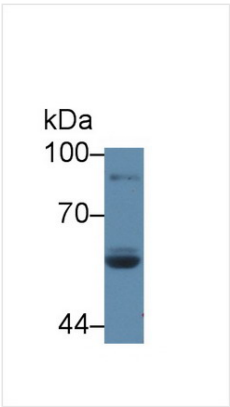
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Stomach Tissue



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Saliva; Primary Ab: 5ug/ml Rabbit Anti-Rat LPO Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	157786856
NCBI GeneID	287610
NCBI Accession #	NP_001099299.1
NCBI GenBank Nucleotide #	NM_001105829.1
UniProt Accession #	D4A400
Molecular Weight	78,248 Da
NCBI Official Full Name	lactoperoxidase
NCBI Official Synonym Full Names	lactoperoxidase
NCBI Official Symbol	Lpo
NCBI Protein Information	lactoperoxidase
UniProt Protein Name	Lactoperoxidase
UniProt Gene Name	Lpo

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.