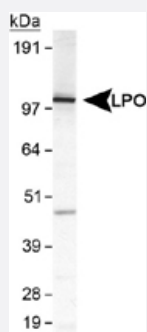


LPO polyclonal antibody

Catalog # PAB12398 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of LPO in MDA-MB-231 cell lysate using LPO polyclonal antibody (Cat # PAB12398).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LPO.
Immunogen	A synthetic peptide corresponding to amino acids 650-712 of human LPO.
Host	Rabbit
Reactivity	Bovine, Goat, Human, Mouse, Sheep
Form	Liquid
Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (30% glycerol, 0.09% sodium azide)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of LPO in MDA-MB-231 cell lysate using LPO polyclonal antibody (Cat # PAB12398).

Gene Info — LPO

Entrez GeneID	4025
Protein Accession#	P22079
Gene Name	LPO
Gene Alias	MGC129990, MGC129991, SPO
Gene Description	lactoperoxidase
Omim ID	150205
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an oxidoreductase secreted from salivary, mammary, and other mucosal glands that functions as a natural antibacterial agent. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	salivary peroxidase

Publication Reference

- [Physico-chemical properties influence the functions and efficacy of commercial bovine lactoferrins.](#)

Rosa L, Cutone A, Lepanto MS, Scotti MJ, Conte MP, Paesano R, Valenti P.

Biometals 2018 Jun; 31(3):301.

Application: WB, Bovine, Bovine lactoferrins

- [Purification and quantification of lactoperoxidase in human milk with use of immunoabsorbents with antibodies against recombinant human lactoperoxidase.](#)

Shin K, Hayasawa H, Lonnerdal B.

The American Journal of Clinical Nutrition 2001 Nov; 670(1):208.

Application: WB, Human, Bovine, Lactoperoxidase purified from bovine milk, Recombinant human lactoperoxidase, Saliva, Whey

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