

LPO polyclonal antibody

Catalog # PAB11546 Size 100 ug

Applications



Western Blot (Tissue lysate)

LPO polyclonal antibody (Cat # PAB11546) (0.01 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of LPO.
Immunogen	A synthetic peptide corresponding to human LPO.
Sequence	C-KHAKGRTRTAIRN
Host	Goat
Theoretical MW (kDa)	80.3
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — LPO

Entrez GeneID	4025
Protein Accession#	NP_006142.1
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

- [The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds.](#)

Everse J, Coates PW.

Free Radical Biology & Medicine 2004 Sep; 37(6):839.

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