

ARG64521 anti-Lactoperoxidase antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Lactoperoxidase
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Pig
Tested Application	WB
Specificity	This antibody is expected to recognise isoform 1 (NP_006142.1) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Lactoperoxidase
Species	Human
Immunogen	C-KHAKGRTRTAIRN
Conjugation	Un-conjugated
Alternate Names	Lactoperoxidase; LPO; Salivary peroxidase; EC 1.11.1.7; SPO

Application Instructions

Application table	Application	Dilution
	WB	0.01 - 0.03 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 4025 Human Swiss-port # P22079 Human
Background	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, May 2009]
Research Area	Cancer antibody; Immune System antibody; Metabolism antibody; Microbiology and Infectious Disease antibody
Calculated Mw	80 kDa

Images



ARG64521 anti-Lactoperoxidase antibody WB image

Western Blot: Human Lung lysate (35 µg protein in RIPA buffer) stained with ARG64521 anti-Lactoperoxidase antibody at 0.01 µg/ml dilution.