

Goat anti-Lactoperoxidase Antibody

Item Number	dAP-1433
Target Molecule	Principle Name: Lactoperoxidase; Official Symbol: LPO ; All Names and Symbols: lactoperoxidase ; MGC129990; LPO ; MGC129991; SPO; salivary peroxidase; Accession Number (s): NP_006142.1; Human Gene ID(s): 4025; Non-Human GeneID(s):
Immunogen	, is from internal region This antibody is expected to recognise isoform 1 (NP_006142.1) only.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 70-75kDa band observed in Human Lung lysates (calculated MW of 80.3kDa according to NP_006142.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Everse J, Coates PW. The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds. Free Radic Biol Med. 2004 Sep 15;37(6):839-49..PMID: 15384204 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**