

Goat anti-PON1 / paraoxonase 1 Antibody

Item Number	dAP-1776
Target Molecule	Principle Name: PON1 / paraoxonase 1; Official Symbol: PON1; All Names and Symbols: PON1; paraoxonase 1; ESA; PON; esterase A; Accession Number (s): NP_000437.3; Human Gene ID(s): 5444; Non-Human GeneID(s):
Immunogen	EEPKVTQVYAEN, is from internal region
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 2000.
Western Blot	Western Blot: Approx. 37kDa band observed in Human Liver lysates (calculated MW of 39.7kDa according to NP_000437.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Bhattacharyya T, Nicholls SJ, Topol EJ, Zhang R, Yang X, Schmitt D, Fu X, Shao M, Brennan DM, Ellis SG, Brennan ML, Allayee H, Lusis AJ, Hazen SL. Relationship of paraoxonase 1 (PON1) gene polymorphisms and functional activity with systemic oxidative stress and cardiovascular risk. JAMA

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**