

Rabbit anti-Human Serum paraoxonase/arylesterase 1 Polyclonal Antibody | anti-PON1 antibody

Rabbit anti-Human Serum paraoxonase/arylesterase 1 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230185	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

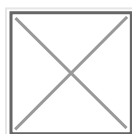
PRODUCT SYNONYMS

Serum paraoxonase/arylesterase 1; Polyclonal Antibody; Rabbit anti-Human Serum paraoxonase/arylesterase 1 polyclonal Antibody; Aromatic esterase 1; K-45; Serum arylalkylphosphatase 1; PON1; PON; anti-PON1 antibody

PRODUCT SPECIFICATIONS

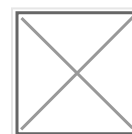
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	355
Applicable Applications for anti-PON1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Serum paraoxonase/arylesterase 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21146 / sc-21147 / sc-133919 / sc-25791
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



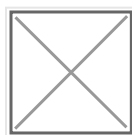
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA230185 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using AAA230185 at dilution of 1:100



WB (Western Blot)

All lanes: Serum paraoxonase/arylesterase 1 antibody at 2ug/ml+mouse liver tissue
Secondary Goat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 40kDa
Observed band size: 40 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PON1 antibody	Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification and the consequent series of events leading to atheroma formation. The enzyme encoded by this gene is an arylesterase that mainly hydrolyzes paroxon to produce p-nitrophenol. Paroxon is an organophosphorus anticholinesterase compound that is produced in vivo by oxidation of the insecticide parathion. Polymorphisms in this gene are a risk factor in coronary artery disease. The gene is found in a cluster of three related paraoxonase genes at 7q21.3.
Product Categories/Family for anti-PON1 antibody	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923106
NCBI GeneID	5444
NCBI Accession #	NP_000437.3
NCBI GenBank Nucleotide #	NM_000446.5
UniProt Accession #	P27169; Q16052; Q6B0J6; Q9UCB1; B2RA40
Molecular Weight	39,731 Da
NCBI Official Full Name	serum paraoxonase/arylesterase 1
NCBI Official Synonym Full Names	paraoxonase 1
NCBI Official Symbol	PON1
NCBI Official Synonym Symbols	ESA; PON; MVCD5
NCBI Protein Information	serum paraoxonase/arylesterase 1
UniProt Protein Name	Serum paraoxonase/arylesterase 1
UniProt Gene Name	PON1
UniProt Synonym Gene Names	PON; A-esterase 1
UniProt Entry Name	PON1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serum-paraoxonase-arylesterase-1-antibody-immunohistochemistry-western-blot-elisa/230185>