

Anti-PON1 / ESA Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18195

Product Information

Application	WB, IHC-P, E
Primary Accession	P27169
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	39731

Additional Information

Gene ID	5444
Alias Symbol	PON1
Other Names	PON1, A-esterase 1, Aromatic esterase 1, Esterase A, ESA, K-45, MVCD5, Paraoxonase 1, PON 1, Serum aryldialkylphosphatase 1, Arylesterase B-type, Paraoxonase B-type, PON, Serum aryldiacylphosphatase
Target/Specificity	Human PON1 / ESA
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-PON1 / ESA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PON1
Synonyms	PON
Function	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.
Cellular Location	Secreted, extracellular space.
Tissue Location	Plasma, associated with HDL (at protein level). Expressed in liver, but not in heart, brain, placenta, lung, skeletal muscle, kidney or pancreas.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.