

**Anti-PON1 / ESA Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18195****Specification**

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**Anti-PON1 / ESA Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, E           |
| Primary Accession | <a href="#">P27169</a> |
| Predicted         | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 39731                  |

**Anti-PON1 / ESA Antibody - 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.

**Anti-PON1 / ESA Antibody - 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.

**Anti-PON1 / ESA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PON1 / ESA Antibody - Images**