

# PON1 rabbit pAb

Cat No.:ES8741

For research use only

## Overview

|                          |  |
|--------------------------|--|
| Product Name             | PON1 rabbit pAb  |
| Host species             | Rabbit   |
| Applications             | IHC;IF;ELISA   |
| Species Cross-Reactivity | Human;Rat;Mouse;   |
| Recommended dilutions    | IHC-p 1:50-200, ELISA 1:10000-20000  |
| Immunogen                | The antiserum was produced against synthesized peptide derived from the Internal region of human PON1. AA range:51-100   |
| Specificity              | The antibody detects endogenous PON1   |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Protein Name             | Serum paraoxonase/arylesterase 1 (PON 1) (EC 3.1.1.2) (EC 3.1.1.81) (EC 3.1.8.1) (Aromatic esterase 1) (A-esterase 1) (K-45) (Serum aryldialkylphosphatase 1)                              |
| Gene Name                | PON1 PON   |
| Cellular localization    | Secreted, extracellular space.   |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Clonality                | Polyclonal   |
| Concentration            | 1 mg/ml  |
| Observed band            |  |
| Human Gene ID            | 5444   |
| Human Swiss-Prot Number  | P27169   |
| Alternative Names        | Serum paraoxonase/arylesterase 1 (PON 1;EC 3.1.1.2;EC 3.1.1.81;EC 3.1.8.1;Aromatic esterase 1;A-esterase 1;K-45;Serum aryldialkylphosphatase 1)  |
| Background               | 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 |

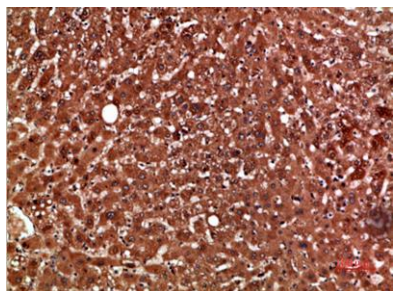




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vivo by oxidation of the insecticide parathion. Polymorphisms in this gene are a risk factor in coronary artery disease. The gene is found in a cluster of three related paraoxonase genes at 7q21.3. [provided by RefSeq, Oct 2008],

Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



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