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Datasheet for ABIN7169381  
**anti-PON1 antibody (AA 2-355)**

3 Images

### Overview

Quantity:	100 µg
Target:	PON1
Binding Specificity:	AA 2-355
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PON1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	Recombinant Human Serum paraoxonase/arylesterase 1 protein (2-355AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

### Target Details

Target:	PON1
Alternative Name:	PON1 ( <a href="#">PON1 Products</a> )
Background:	Background: Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a

## Target Details

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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.

Aliases: A esterase 1 antibody, A-esterase 1 antibody, Aromatic esterase 1 antibody, Arylesterase 1 antibody, Arylesterase B type antibody, ESA antibody, Esterase A antibody, K 45 antibody, K-45 antibody, MVCD5 antibody, Paraoxonase 1 antibody, Paraoxonase antibody, Paraoxonase B type antibody, Paraoxonase, plasma antibody, Paraoxonase1 antibody, PON 1 antibody, PON antibody, PON1 antibody, PON1\_HUMAN antibody, Serum aryldiacylphosphatase antibody, Serum aryldialkylphosphatase 1 antibody, Serum paraoxonase/arylesterase 1 antibody

UniProt: [P27169](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

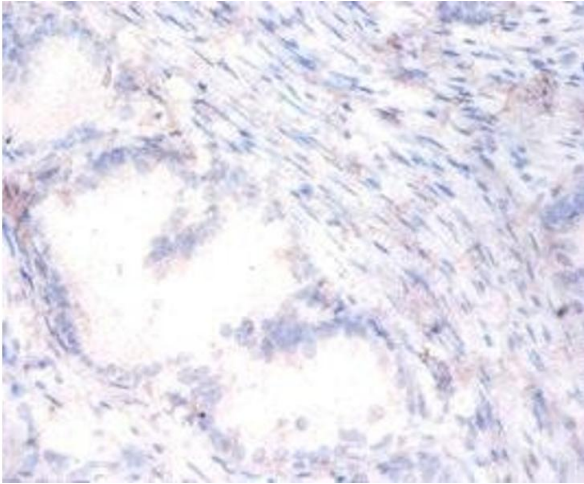
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

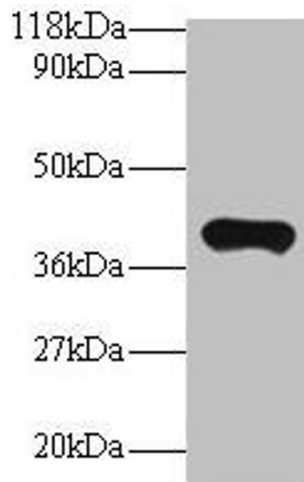
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



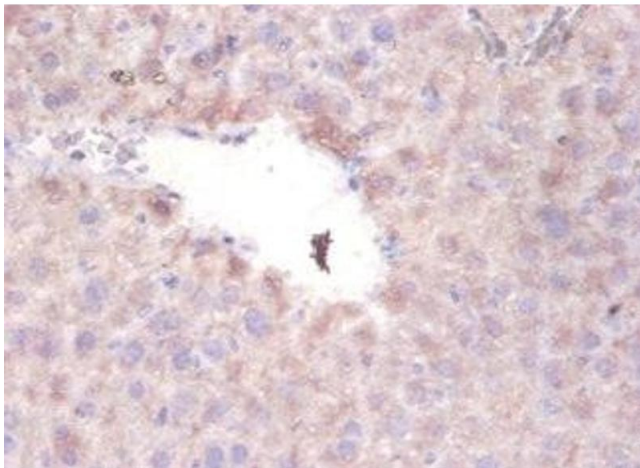
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human prostate tissue using ABIN7169381 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: PON1 antibody at 2 µg/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded mouse liver tissue using ABIN7169381 at dilution of 1:100