

## Product Datasheet

# PON1 Antibody

Catalog No: CY6938

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP



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### Information

**UniProt ID:** P27169

**All Names:** A esterase 1; Aromatic esterase 1; Arylesterase 1; Arylesterase B type; ESA; Esterase A; K-45; MVCD5; Paraoxonase 1; Paraoxonase B type; PON; PON1; Serum aryldiacylphosphatase;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 40kDa

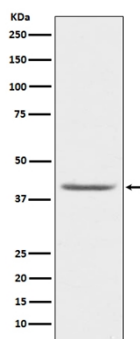
### Application

WB 1:1000~1:5000

IP 1:50

### Background

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.



Western blot analysis of PON1 expression in human plasma lysate.

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