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PON1 Antibody

Rabbit mAb
Catalog # AP91368

Product Information

Application	WB, IP
Primary Accession	P27169
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other 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 aryldiakylphosphatase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39731

Additional Information

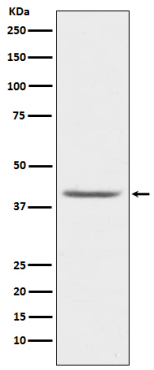
Dilution	WB 1:1000~1:5000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PON1
Description	Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images



Western blot analysis of PON1 expression in human plasma lysate.

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