



Catalog: OM218347

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PON1 Antibody (Center)

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☐ 20ul ☐ 50ul ☐ 100ul

Product profile

Product name	PON1 Antibody (Center)
Antibody Type	Primary Antibodies

Key Feature

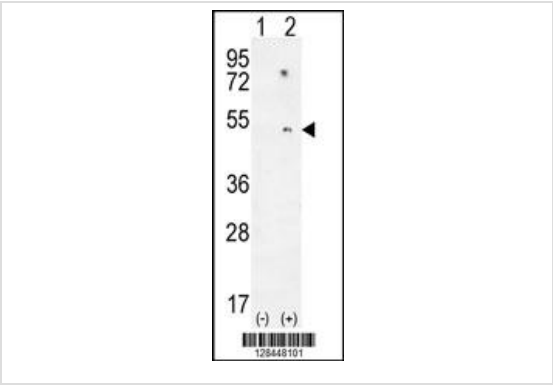
Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Application	<div>WB FC IHC</div> WB:1:100~500 FC
Species Reactivity	<div>Human</div>
Concentration	1mg/ml

Target Information

Gene Synonyms	PON
Alternative Names	PON1 PON Serum paraoxonase/arylesterase 1 Aromatic esterase 1 K-45 Serum arylalkylphosphatase 1
Molecular Weight(MW)	39731 Da
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
Tissue Specificity	Plasma, associated with HDL (at protein level). Expressed in liver, but not in heart, brain, placenta, lung, skeletal muscle, kidney or pancreas
Cellular Localization	Secreted, extracellular space.

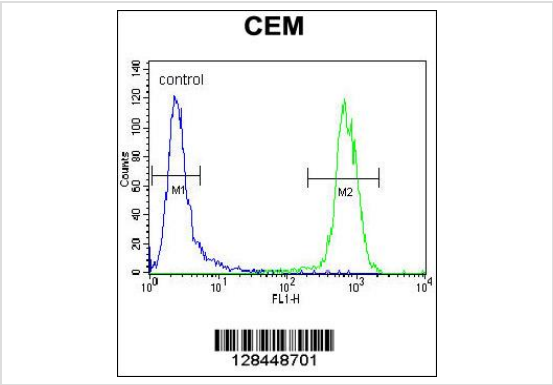
Database Links

Application



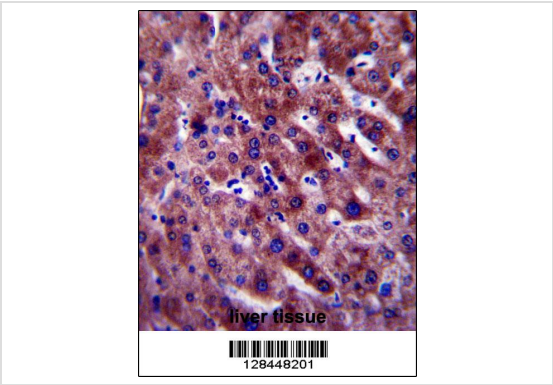
Application

Western blot analysis of PON1 (arrow) using rabbit polyclonal PON1 Antibody (Center) . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PON1 gene (Lane 2) .



Application

PON1 Antibody (Center) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Application

PON1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PON1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Application Notes

WB:1:100~500 FC

Additional Information

Form

Liquid

Storage Instructions

For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Storage Buffer

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt

