BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PON1 Antibody

Catalog Number: A00516-1

About Pon1

Serum paraoxonase/arylesterase 1 (PON1), also known as aromatic esterase 1, is an enzyme that in humans is encoded by the PON1 gene. It is mapped to 7q21.3. This gene has esterase and more specifically paraoxonase activity. PON1 is responsible for hydrolysing organophosphate pesticides and nerve gasses. Polymorphisms in the PON1 gene significantly affect the catalytic ability of the enzyme. PON1 (paraoxonase 1) is also a major anti-atherosclerotic component of high-density lipoprotein (HDL). The PON1 gene is activated by PPAR-gamma, which increases synthesis and release of paraoxonase 1 enzyme from the liver, reducing atherosclerosis.

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Overview

Product Name	Anti-PON1 Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-PON1 Antibody catalog # A00516-1. Tested in ELISA applications. This antibody reacts with Mouse.
Application	ELISA (Cap)
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na2HPO4, and 0.05 mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P52430

Technical Details

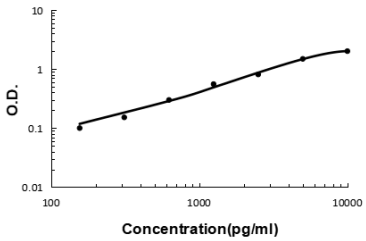
Immunogen	E. coli-derived mouse PON1 recombinant protein (Position: A30-D274).

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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	ELISA Capture (Matched Antibody Pair), 2-8ug/ml

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Anti-PON1 Antibody (A00516-1) Images



Sandwich ELISA - Recombinant mouse PON1 protein standard curve. Use in combination with reagents from Mouse PON1 ELISA Kit EZ-Set (DIY Antibody Pairs) (EZ1621).

Anti-PON1 Antibody

For Research Use Only. Not for use in diagnostic procedures.