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anti-PON3 antibody (N-Term)







Images



Overview	
Quantity:	400 μL
Target:	PON3
Binding Specificity:	AA 10-38, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PON3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PON3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-38 amino acids from the N-terminal region of human PON3.
Clone:	RB21339
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PON3
Alternative Name:	PON3 (PON3 Products)

Target Details

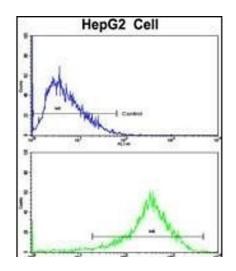
Background:	PON3 is secreted into the bloodstream and associates with high-density lipoprotein (HDL). The protein also rapidly hydrolyzes lactones and can inhibit the oxidation of low-density lipoprotein (LDL), a function that is believed to slow the initiation and progression of atherosclerosis.
Molecular Weight:	39607
Gene ID:	5446
NCBI Accession:	NP_000931
UniProt:	Q15166
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

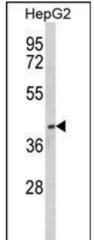
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



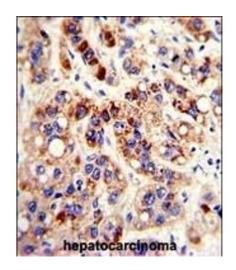
Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using PON3 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of PON3 Antibody (N-term) (ABIN652536 and ABIN2842361) in HepG2 cell line lysates (35 μ g/lane). PON3 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human hepatocarcinoma with PON3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.