-online.com antibodies

Datasheet for ABIN651946 anti-PON2 antibody (AA 74-101)

4 Images



Overview

Quantity:	400 μL	
Target:	PON2	
Binding Specificity:	AA 74-101	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PON2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	This PON2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-101 amino acids from the Central region of human PON2.
Clone:	RB21504
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PON2
Alternative Name:	PON2 (PON2 Products)

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Target Details

Background:	PON2 is a member of the paraoxonase gene family, which includes three known members
	located adjacent to each other on the long arm of chromosome 7. The encoded protein is
	ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular
	antioxidant, protecting cells from oxidative stress. Hydrolytic activity against acylhomoserine
	lactones, important bacterial quorum-sensing mediators, suggests the encoded protein may
	also play a role in defense responses to pathogenic bacteria. Mutations in this gene may be
	associated with vascular disease and a number of quantitative phenotypes related to diabetes.
Molecular Weight:	39381
Gene ID:	5445

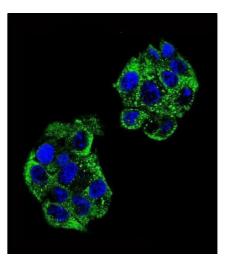
Gene ID.	0440
NCBI Accession:	NP_000296
UniProt:	Q15165

Application Details

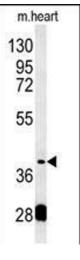
Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

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	



HepG2 95 72 55 36 28



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of PON2 Antibody (Center) (ABIN651946 and ABIN2840470) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DI was used to stain the cell nuclear (blue).

Western Blotting

Image 2. PON2 Antibody (Center) (ABIN651946 and ABIN2840470) western blot analysis in HepG2 cell line lysates (15 µg/lane).This demonstrates the PON2 antibody detected PON2 protein (arrow).

Vestern	Blotting

Image 3. PON2 Antibody (Center) (ABIN651946 and ABIN2840470) western blot analysis in mouse heart tissue lysates ($15 \mu g$ /lane).This demonstrates the PON2 antibody detected PON2 protein (arrow).

Please check the product details page for more images. Overall 4 images are available for ABIN651946.

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