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Datasheet for ABIN3022314  
**anti-PON2 antibody (AA 1-210)**

2 Images

Overview

Quantity:	100 µL
Target:	PON2
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PON2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human PON2 (NP_000296.2).
Sequence:	MGRLVAVGLL GIALALLGER LLALRNRLKA SREVESVDLP HCHLIKGIEA GSEDIDILPN GLAFFSVGLK FPGLHSFAPD KPGGILMMDL KEEKPRAREL RISRGFDLAS FNPHGISTFI DNDDTVYLFV VNHPEFKNTV EIFKFEEAEN SLLHLKTVKH ELLPSVNDIT AVGPAHFYAT NDHYFSDPFL KYLETYLN LH WANVVYVYSPN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	PON2
Alternative Name:	PON2 ( <a href="#">PON2 Products</a> )
Background:	<p>This gene encodes 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. Alternatively spliced transcript variants encoding different isoforms have been described.</p> <p><a href="#">PON2</a>,<a href="#">Cancer</a>,<a href="#">Signal Transduction</a>,<a href="#">Endocrine &amp; Metabolism</a>,<a href="#">Drug metabolism</a>,<a href="#">Neuroscience</a>,<a href="#">Neurodegenerative Diseases</a>,<a href="#">Dopamine Signaling in Parkinson's Disease</a>,<a href="#">Cardiovascular</a>,<a href="#">Lipids</a>,<a href="#">Lipoproteins/Apolipoproteins</a>,<a href="#">PON2</a></p>
Molecular Weight:	37 kDa/39 kDa
Gene ID:	5445
UniProt:	<a href="#">Q15165</a>

## Application Details

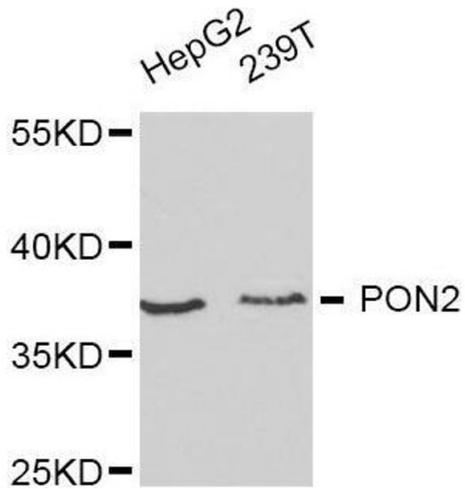
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

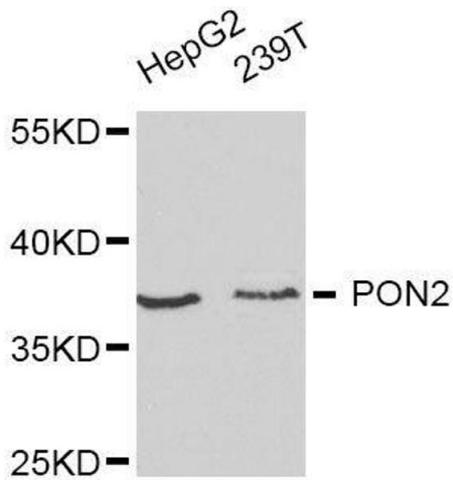
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PON2 antibody.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using PON2 antibody.