

Datasheet for ABIN6145955
anti-PON1 antibody (AA 9-109)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PON1
Binding Specificity:	AA 9-109
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PON1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 9-109 of human PON1 (NP_000437.3).
Sequence:	LLGMGLALFR NHQSSYQTRL NALREVQPVE LPNCNLVKGI ETGSEDL EIL PNGLAFISSG LKYPGIKSFN PNSPGKILLM DLNEEDPTVL ELGITGSKFD V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PON1
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Target Details

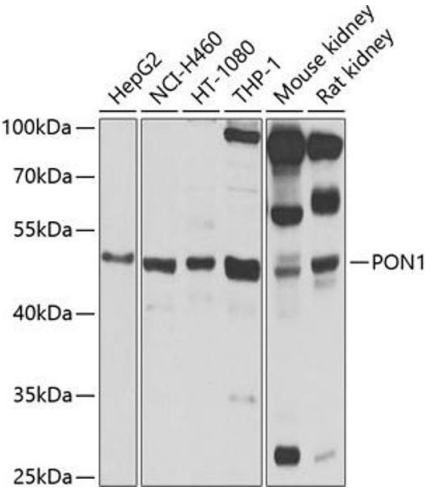
Alternative Name:	PON1 (PON1 Products)
Background:	The enzyme encoded by this gene is an arylesterase that mainly hydrolyzes paroxon to produce p-nitrophenol. Paroxon is an organophosphorus anticholinesterase compound that is produced in vivo by oxidation of the insecticide parathion. Polymorphisms in this gene are a risk factor in coronary artery disease. The gene is found in a cluster of three related paraoxonase genes at 7q21.3.,PON1,ESA,MVCD5,PON,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Lipid Metabolism,Hydrolysis,Drug metabolism,Endocrine and metabolic diseases,Diabetes,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,Cardiovascular,Lipids,Lipoproteins/Apolipoproteins,PON1
Molecular Weight:	39 kDa
Gene ID:	5444
UniProt:	P27169

Application Details

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

Handling

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.
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 PON1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.