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Datasheet for ABIN571113 anti-PON2 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µg
Target:	PON2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PON2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	PON2
Immunogen:	Peptide with sequence C-EKPRARELRIS, from the internal region of the protein sequence according to NP_000296.2, NP_001018171.1.
Sequence:	EKPRARELRIS
Isotype:	lgG
Specificity:	This antibody is expected to recognize isoforms 1 and 2 (NP_000296.2, NP_001018171.1).
Cross-Reactivity:	Dog, Human, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

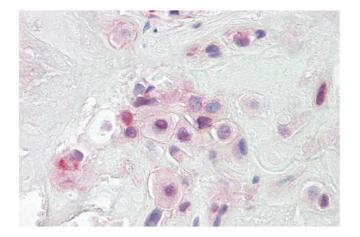
Target:	PON2
Alternative Name:	PON2 (PON2 Products)
Background:	PON2, paraoxonase 2, A-esterase 2, aromatic esterase 2, paraoxonase nirs, serum aryldialkylphosphatase 2, serum paraoxonase/arylesterase 2
Gene ID:	5445, 296851
NCBI Accession:	NP_000296, NP_001018171

Application Details

	Peptide ELISA: antibody detection limit dilution 1:32000.
	band
	Recommended concentration: 0.2-0.6 µg/mL. Primary incubation was 1 hour. An additional
	39.4 kDa according to NP_000296.2 and of 38.0 kDa according to NP_001018171.1).
	Western Blot: Approx 40 kDa double band observed in lysates of HepG2 (calculated MW of
	3.75 μg/mL.
Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration:

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571113 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa 75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Image 2. ABIN571113 (0.2µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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