

ARG64895
anti-PON1 / paraoxonase 1 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PON1 / paraoxonase 1
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PON1 / paraoxonase 1
Species	Human
Immunogen	C-EEPQVTQVYAEN
Conjugation	Un-conjugated
Alternate Names	K-45; Aromatic esterase 1; MVCD5; EC 3.1.1.81; A-esterase 1; PON; Serum paraoxonase/arylesterase 1; ESA; Serum arylalkylphosphatase 1; EC 3.1.8.1; EC 3.1.1.2; PON 1

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 5444 Human](#)

[Swiss-port # P27169 Human](#)

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. [provided by RefSeq, Oct 2008]

Research Area

Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

40 kDa

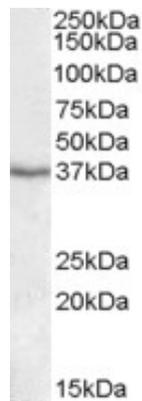
PTM

Glycosylated.

The signal sequence is not cleaved.

Present in two forms, form B contains a disulfide bond, form A does not.

Images



ARG64895 anti-PON1 / paraoxonase 1 antibody WB image

Western Blot: Human Liver lysate (35 μ g protein in RIPA buffer) stained with ARG64895 anti-PON1 / paraoxonase 1 antibody at 1 μ g/ml dilution.