



Human PON1 blocking peptide (CDBP2345)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-PON1/paraoxonase 1 antibody |
| Antigen Description | 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] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

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| Gene Name | PON1 paraoxonase 1 [Homo sapiens] |
| Official Symbol | PON1 |
| Synonyms | PON1; paraoxonase 1; PON; serum paraoxonase/arylesterase 1; ESA; esterase A; K-45; PON 1; A-esterase 1; paraoxonase B-type; aromatic esterase 1; arylesterase B-type; serum aryldiakylphosphatase; serum aryldialkylphosphatase 1; MVCD5; |

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| Entrez Gene ID | 5444 |
| mRNA Refseq | NM_000446 |
| Protein Refseq | NP_000437 |
| UniProt ID | P27169 |
| Chromosome Location | 7q21.3 |
| Pathway | Metabolic pathways, organism-specific biosystem; |
| Function | aryldialkylphosphatase activity; arylesterase activity; arylesterase activity; calcium ion binding; hydrolase activity; phospholipid binding; protein homodimerization activity; |
