



Human PON1 blocking peptide (CDBP2345)

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

PRODUCT INFORMATION

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

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 aryldialkylphosphatase; serum aryldialkylphosphatase 1; MVCD5;

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;