



Human PON2 blocking peptide (CDBP2346)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PON2 antibody
Antigen Description	This gene encodes a member of the paraoxonase gene family, which includes three known members located adjacent to each other on the long arm of chromosome 7. The encoded protein is ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular antioxidant, protecting cells from oxidative stress. Hydrolytic activity against acylhomoserine lactones, important bacterial quorum-sensing mediators, suggests the encoded protein may also play a role in defense responses to pathogenic bacteria. Mutations in this gene may be associated with vascular disease and a number of quantitative phenotypes related to diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 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	PON2 paraoxonase 2 [Homo sapiens]
Official Symbol	PON2

Synonyms	PON2; paraoxonase 2; serum paraoxonase/arylesterase 2; paraoxonase nirs; PON 2; A-esterase 2; aromatic esterase 2; serum aryldialkylphosphatase 2;
Entrez Gene ID	5445
mRNA Refseq	NM_000305
Protein Refseq	NP_000296
UniProt ID	Q15165
Chromosome Location	7q21.3
Pathway	Metabolic pathways, organism-specific biosystem;
Function	arylesterase activity; hydrolase activity; identical protein binding; metal ion binding;
