

# Immunotag™ PON3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2169
Product Description	Immunotag™ PON3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PON3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PON3 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PON3
Accession No.	Q15166 Q62087 Q68FP2

## Antibody Specification

Description	paraoxonase 3(PON3) Homo sapiens This gene is a member of the paraoxonase family and lies in a cluster on chromosome 7 with the other two family members. The encoded protein is secreted into the bloodstream and associates with high-density lipoprotein (HDL). The protein also rapidly hydrolyzes lactones and can inhibit the oxidation of low-density lipoprotein (LDL), a function that is believed to slow the initiation and progression of atherosclerosis. Alternatively spliced variants which encode different protein isoforms have been described; however, only one has been fully characterized. [provided by RefSeq, Jul 2008],
Protein Expression	Hepatoma,Liver,Plasma,
Subcellular Localization	extracellular space,intracellular membrane-bounded organelle,extracellular exosome,
Protein Function	catalytic activity:A phenyl acetate + H(2)O = a phenol + acetate.,catalytic activity:An aryl dialkyl phosphate + H(2)O = dialkyl phosphate + an aryl alcohol.,function:Has very limited arylesterase and no paraoxonase activities but rapidly hydrolyzes lactones such as statin prodrugs (e.g. lovastatin). Hydrolyzes aromatic lactones and 5- or 6-member ring lactones with aliphatic substituents but not simple lactones or those with polar substituents.,PTM:Glycosylated.,PTM:The signal sequence is not cleaved.,similarity:Belongs to the paraoxonase family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.