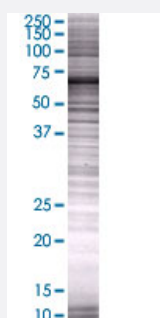


PON3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005446-T01

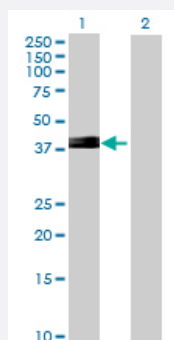
Size 100 uL

Applications



SDS-PAGE Gel

PON3 transfected lysate.



Western Blot

Lane 1: PON3 transfected lysate (39.05 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PON3 full-length

Host Human

Theoretical MW (kDa) 39.05

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PON3 antibody ([H00005446-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PON3 transfected lysate.
 Western Blot
 Lane 1: PON3 transfected lysate (39.05 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PON3

Entrez GeneID	5446
GeneBank Accession#	BC070374.1
Protein Accession#	AAH70374.1
Gene Name	PON3
Gene Alias	-
Gene Description	paraoxonase 3
Omim ID	602720
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	paraoxonase-3 serum paraoxonase/lactonase 3

Pathway

- [Bisphenol A degradation](#)
- [gamma-Hexachlorocyclohexane degradation](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Liver Diseases](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Myocardial Infarction](#)