

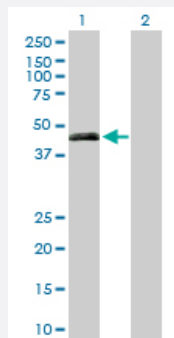
MaxPab®

PON3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005446-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PON3 expression in transfected 293T cell line ([H00005446-T02](#)) by PON3 MaxPab polyclonal antibody.

Lane 1: PON3 transfected lysate(39.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PON3 protein.

Immunogen

PON3 (AAH70374.1, 1 a.a. ~ 354 a.a) full-length human protein.

Sequence

MGKLVALVLLGVGLSLVGEMFLAFRRERNASREVEPVEPENCLHIEELENGSEIDILPSGLAFIS
SGLKYPGMPNFAPDEPGKIFLMDLNEQNPRQALESISGGFDKELFNPHGISIFIDKDNTVYL VVNH
PHMKSTVEIFKFEEQQRSLVYLKTIKHELLKSVNDIVLGPEQFYATRDHYFTNSLLSFFEMILDLR
WTYVLFYSPREVKVVAKGFC SANGITVSADQKYVYADVAAKNIHIMEKHNDWDLTQLKVIQLGTL
VDNLTVDPATGDILAGCHPNPMKLLNYPEDPPGSEVLRIQNVLSEKPRVSTVYANNGSVLQGTS
VASVYHGKILIGTVFHKTL YCEL

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PON3 expression in transfected 293T cell line ([H00005446-T02](#)) by PON3 MaxPab polyclonal antibody.

Lane 1: PON3 transfected lysate(39.60 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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 paraoxanase-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](#)