For Research Use Only

PON3 Recombinant antibody, PBS Only

Catalog Number:84604-4-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
84604-4-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG36602

GenBank Accession Number:
NM_000940.2

GeneID (NCBI):
5446

UNIPROT ID:
Q15166

Full Name:
paraoxonase 3

Calculated MW:
NM_000940.2 40kDa，354aa

Observed MW:
40 kDa

Purification Method:
Protein A purfication

CloneNo.:
242035D11

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

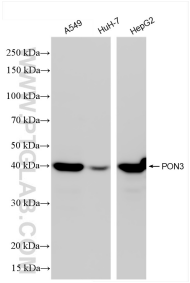
PON3, a member of the paraoxonase family, is expressed primarily in the liver and encodes a protein that is secreted into the bloodstream and binds to high-density lipoprotein (HDL). It also rapidly hydrolyzes lactones and inhibits the oxidation of low-density lipoprotein (LDL), thereby slowing the onset and progression of atherosclerosis. In addition, PON3 is closely associated with hepatocellular carcinoma (HCC), and is a potential therapeutic target for HCC by inducing cell cycle arrest and further inhibiting HCC cell proliferation.

Storage

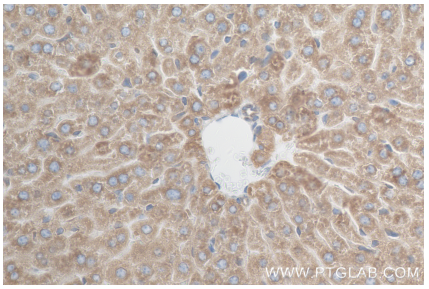
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

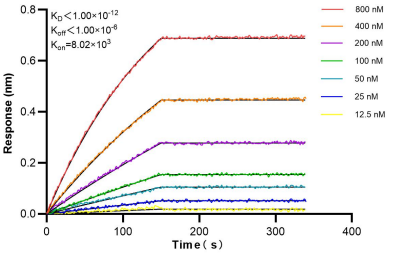
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84604-4-RR (PON3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84604-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 84604-4-RR (PON3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84604-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84604-4-RR against Human PON3 were performed. The affinity constant is below 1 pM.