

For Research Use Only

PON2 Recombinant antibody

Catalog Number:85126-4-RR



Basic Information

Catalog Number:

85126-4-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_183308.2

GeneID (NCBI):

330260

UNIPROT ID:

Q62086

Full Name:

paraoxonase 2

Calculated MW:

40 kDa

Observed MW:

39 kDa

Purification Method:

Protein A purification

CloneNo.:

242673H1

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse heart tissue, L-929 cells, RAW 264.7 cells, mouse lung tissue, rat lung tissue, rat heart tissue

Background Information

PON2 (Serum paraoxonase/arylesterase 2) has antioxidant activity and can prevent LDL lipid peroxidation, reverse the oxidation of mildly oxidized LDL, and inhibit the ability of MM-LDL to induce monocyte chemotaxis. Highest levels of PON2 protein are found in the mouse lung and small intestine, followed by the heart and liver, while lower levels are present in the testis, kidney and brain. PON2 expression in tissues from female mice is always significantly higher than in male animals. There are also some reports showing two bands of 43 kDa and 53 kDa to be detected through western blot as the two isoforms of this protein. (PMID:21354197).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

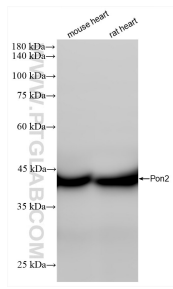
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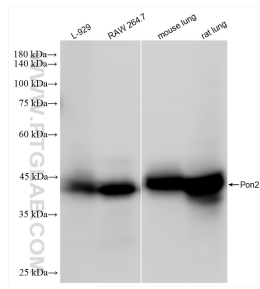
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85126-4-RR (Pon2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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