

For Research Use Only

PON2 Recombinant antibody, PBS Only

Catalog Number: 86347-3-PBS



Basic Information

Catalog Number: 86347-3-PBS	GenBank Accession Number: BC046160	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5445	CloneNo.: 251083G7
Source: Rabbit	UNIPROT ID: Q15165	
Isotype: IgG	Full Name: paraoxonase 2	
Immunogen Catalog Number: AG5759	Calculated MW: 39 kDa	
	Observed MW: 37~39 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

PON2(Serum paraoxonase/arylesterase 2) has antioxidant activity and can prevents LDL lipid peroxidation, reverses the oxidation of mildly oxidized LDL, and inhibits 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

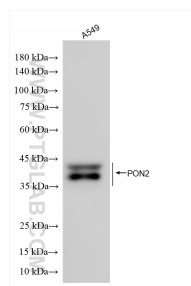
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

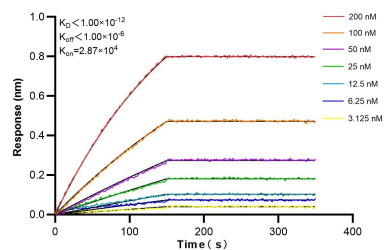
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86347-3-RR (PON2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86347-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86347-3-RR against Human PON2 were performed. The affinity constant is below 1 pM.