

PON2 antibody

Product Information

Catalog No.:	FNab06639
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a member of the paraoxonase gene family, which includes three known members located adjacent to each other on the long arm of chromosome 7. The encoded protein is ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular antioxidant, protecting cells from oxidative stress. Hydrolytic activity against acylhomoserine lactones, important bacterial quorum-sensing mediators, suggests the encoded protein may also play a role in defense responses to pathogenic bacteria. Mutations in this gene may be associated with vascular disease and a number of quantitative phenotypes related to diabetes. Alternatively spliced transcript variants encoding different isoforms have been described.

Immunogen information

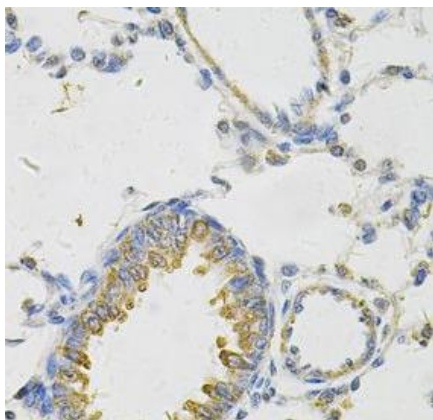
Immunogen:	paraoxonase 2
Synonyms:	Serum paraoxonase/arylesterase 2 (PON 2) Aromatic esterase 2 (A-esterase 2) Serum aryldialkylphosphatase 2 PON2
Observed MW:	39 kDa
Uniprot ID :	Q15165

Application

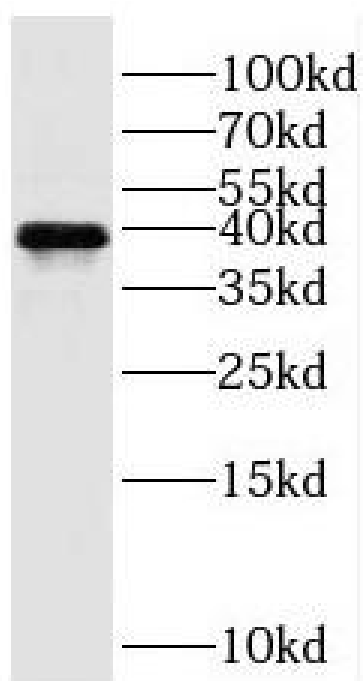
Reactivity:	Human, Rat
Tested Application:	ELISA, IHC, WB

Recommended dilution: WB: 1:200 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat lung using FNab06639(PON2 Antibody) at dilution of 1:100



human liver tissue were subjected to SDS PAGE followed by western blot with FNab06639(PON2 antibody) at dilution of 1:1000