

PON2 Polyclonal Antibody

Catalog No.	A14048	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	Refer to figures
Cross-reactivity	Human, Rat	Calculated MW	37kDa/39kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human PON2 (NP_000296.2).
Gene ID	5445
Swiss prot	Q15165
Synonyms	PON2; paraoxonase 2

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

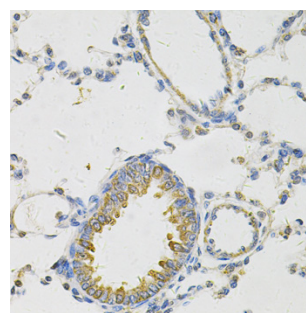
This gene encodes a member of the paraoxonase gene family, which includes three known members located adjacent to each other on the long arm of chromosome 7. The encoded protein is ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular antioxidant, protecting cells from oxidative 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.

Recommended Dilutions

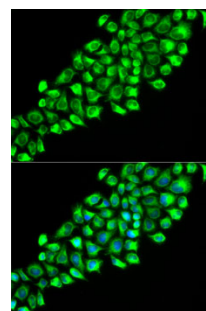
WB 1:500 -
1:2000

IHC 1:50 -
1:200

IF 1:50 -
1:100



Immunohistochemistry - PON2 Polyclonal Antibody (A14048)



Immunofluorescence - PON2 Polyclonal Antibody (A14048)