

PON2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3111a**Specification**

PON2 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q15165
Other Accession	NP_000296.2 , NP_001018171.1 , 5445 , 296851 (rat)
Reactivity	Human
Predicted	Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	39381

PON2 Antibody (internal region) - Additional Information**Gene ID** 5445**Other Names**

Serum paraoxonase/arylesterase 2, PON 2, 3.1.1.2, 3.1.1.81, Aromatic esterase 2, A-esterase 2, Serum aryldialkylphosphatase 2, PON2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PON2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PON2 Antibody (internal region) - Protein Information**Name** PON2**Function**

Capable of hydrolyzing lactones and a number of aromatic carboxylic acid esters. Has antioxidant

activity. Is not associated with high density lipoprotein. Prevents LDL lipid peroxidation, reverses the oxidation of mildly oxidized LDL, and inhibits the ability of MM-LDL to induce monocyte chemotaxis.

Cellular Location

Membrane; Peripheral membrane protein

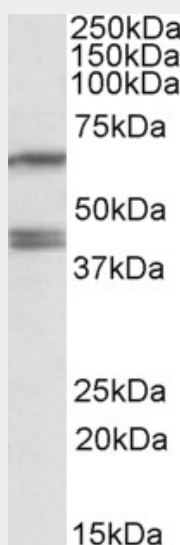
Tissue Location

Widely expressed with highest expression in liver, lung, placenta, testis and heart.

PON2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PON2 Antibody (internal region) - Images

AF3111a (0.2 µg/ml) staining of HepG2 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PON2 Antibody (internal region) - Background

This antibody is expected to recognize isoforms 1 and 2 (NP_000296.2; NP_001018171.1).

PON2 Antibody (internal region) - References

Paraoxonase gene polymorphism in south-western Korean population. Shin BS. Journal of Korean medical science 2009 Aug 24 (4): 561-6. PMID: 19654933