

PON3/paraoxonase 3 Polyclonal Antibody

catalog number: E-AB-40576

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

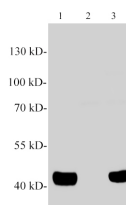
Reactivity	Mouse;Rat
Immunogen	Recombinant Human PON3 protein expressed by E.coli.
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
buffer	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

Applications

Recommended Dilution

WB 1:1000-2000

Data



Western blotting with anti-PON3 polyclonal antibody at dilution of 1:1000. Lane 1: Rat liver lysate, lane 2: Mouse kidney lysate(Negative control), lane 3: Mouse liver lysate.

Observed-MV:40 kDa

Calculated-MV:39 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The paraoxonase (PON) gene family of antioxidant enzymes includes three known members located adjacent to each other on chromosome 7. Paraoxonase/lactonase 3 (PON3) is a 354 amino acid, 39.6 kDa protein that is secreted into the bloodstream and associates with high-density lipoprotein (HDL). PON3 has lactonase activity (EC 3.1.1) and rapidly hydrolyzes lactones. PON3 exhibits no paraoxonase and very limited arylesterase activities. PON3 is an important antioxidant and can inhibit the oxidation of low-density lipoprotein (LDL), a function that may slow the initiation and progression of atherosclerosis.

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