

## PON3/paraoxonase 3 Polyclonal Antibody

catalog number: **E-AB-40576**

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

### Description

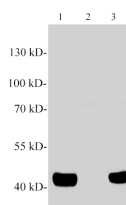
<b>Reactivity</b>	Mouse;Rat
<b>Immunogen</b>	Recombinant Human PON3 protein expressed by E.coli.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

### Recommended Dilution

<b>WB</b>	1:1000-2000
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### 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-MW:40 kDa**

**Calculated-MW:39 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only