

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PON1 RABBIT PAB**

Cat.#: S214593

**Product Name:** Anti-PON1 Rabbit Polyclonal Antibody

Synonyms: ESA; PON; MVCD5

**UNIPROT ID:** P27169 (Gene Accession - NP\_000437)

**Background:** The enzyme encoded by this gene is an arylesterase that mainly hydrolyzes paroxon to produce p-nitrophenol. Paroxon is an organophosphorus anticholinesterase compound that is produced in vivo by oxidation of the insecticide parathion. Polymorphisms in this gene are a risk factor in coronary

artery disease. The gene is found in a cluster of three related paraoxonase genes at 7q21.3.

Immunogen: Synthetic peptide of human PON1

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 2000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

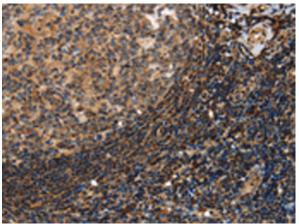
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% alycerol

**Research Areas:** Metabolism, Cell Biology, Neuroscience, Cardiovascular **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

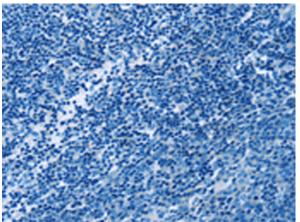


## **Product Description**

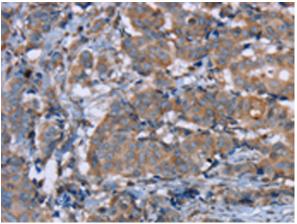
Pioneering GTPase and Oncogene Product Development since 2010



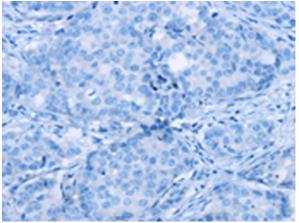
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 214593(PON1 Antibody) at a dilution of 1/40(Cytoplasm).



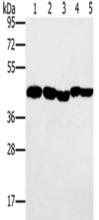
In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 214593(Anti-PON1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue paraffin-embedded Human breast cancer tissue using 214593(Anti-PON1 Antibody) at a dilution of is first treated with synthetic peptide and then 1/40.



with D162072(Anti-PON1 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-5: Hela cells, skov3 cells, A549 cells, mouse liver tissue, human ovarian cancer tissue; Primary antibody: 214593(PON1 Antibody) at dilution 1/500; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 20 seconds



## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010