

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

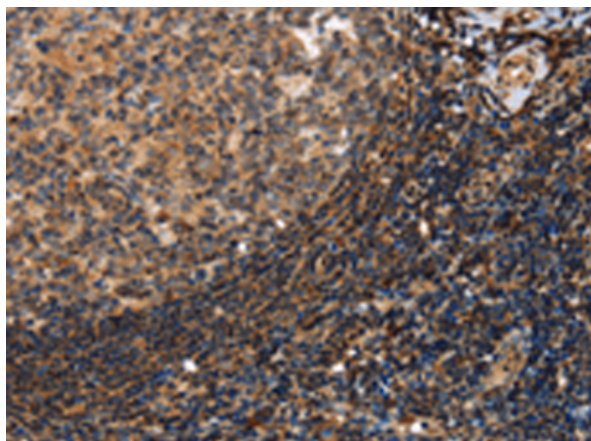
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

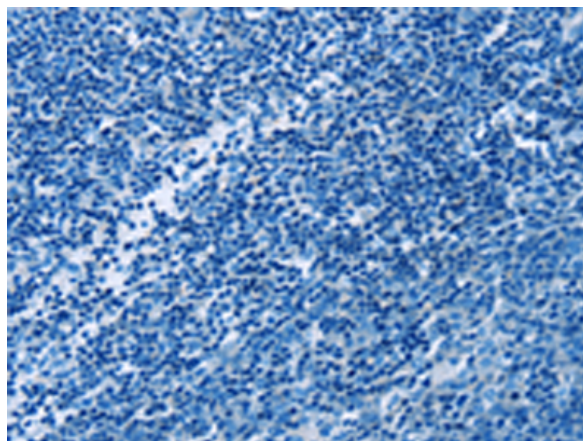
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cell Biology, Neuroscience, Cardiovascular

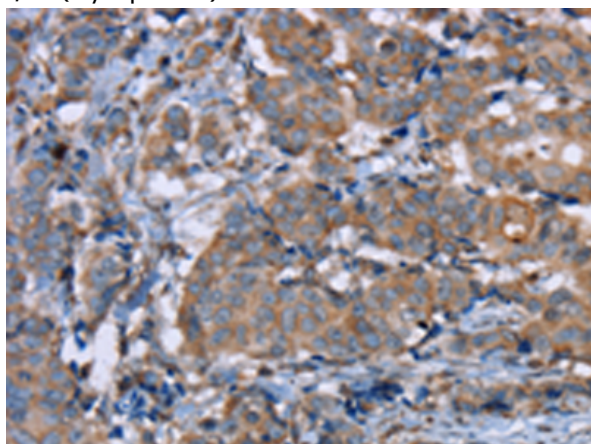
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



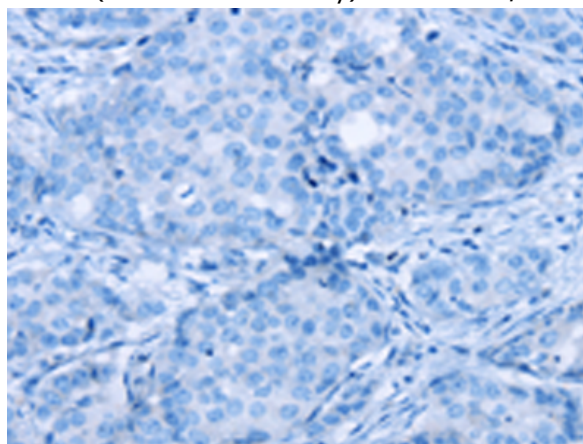
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 214593(PONI Antibody) at a dilution of 1/40(Cytoplasm).



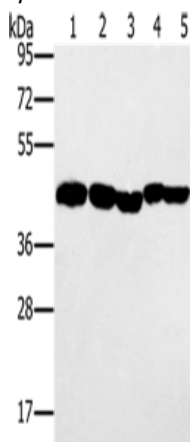
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 214593(Anti-PONI Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 214593(Anti-PONI Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with synthetic peptide and then with D162072(Anti-PONI 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(PONI 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
