# Serum paraoxonase/arylesterase 1 Polyclonal Conjugated Antibody

Catalog No: #C42298

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Package Size: #C42298-AF350 100ul #C42298-AF405 100ul #C42298-AF488 100ul #C42298-AF555 100ul #C42298-AF594 100ul #C42298-AF647 100ul #C42298-AF680 100ul #C42298-AF750 100ul #C42298-Biotin 100ul

## Description

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|---|---|
| Product Name | Serum paraoxonase/arylesterase 1 Polyclonal Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous level of total Serum paraoxonase/arylesterase 1 polyclonal antibody. |
| Immunogen Description | Recombinant Human Serum paraoxonase/arylesterase 1 protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | Aromatic esterase 1,K-45,Serum aryldialkylphosphatase 1,PON1,PON |
| Accession No. | Swiss-Prot#:P27169 |
| Uniprot | P27169 |
| GeneID | 5444; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW | 40 |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification and the consequent series of events leading to atheroma formation.

Note: This product is for in vitro research use only