

PON2 Antibody

Catalog No: #32364

Package Size: #32364-1 50ul #32364-2 100ul

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

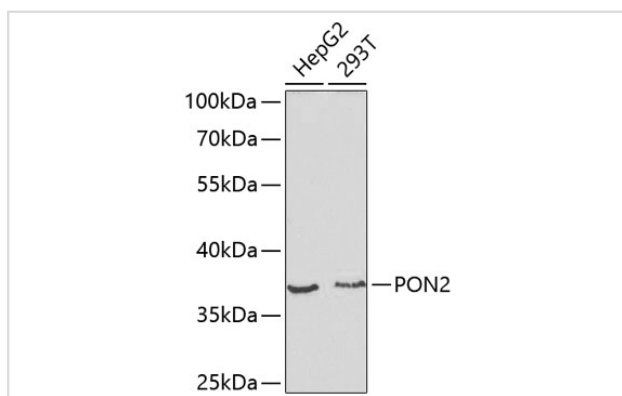
Description

Product Name	PON2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total PON2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PON2.
Target Name	PON2
Accession No.	Swiss-Prot:Q15165NCBI Gene ID:5445
Uniprot	Q15165
GeneID	5445;
SDS-PAGE MW	39KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using PON2 at 1:1000 dilution.

Background

This gene encodes a member of the paraoxonase gene family, which includes three known members located adjacent to each other on the long arm

of chromosome 7. The encoded protein is ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular antioxidant, protecting cells from oxidative stress. Hydrolytic activity against acylhomoserine lactones, important bacterial quorum-sensing mediators, suggests the encoded protein may also play a role in defense responses to pathogenic bacteria. Mutations in this gene may be associated with vascular disease and a number of quantitative phenotypes related to diabetes. Alternatively spliced transcript variants encoding different isoforms have been described.

Note: This product is for in vitro research use only