

Anti-PON2 Polyclonal Antibody

Cat: AC51662

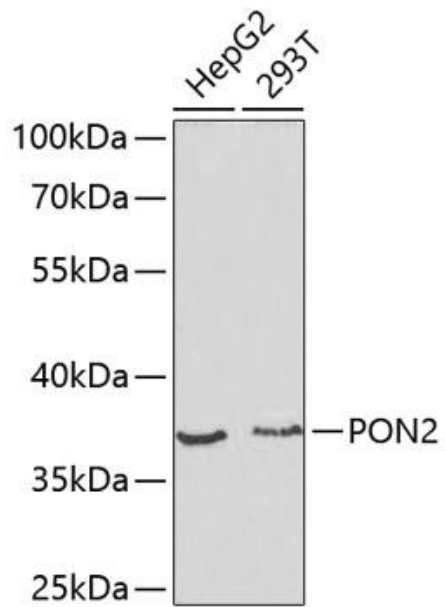
Summary:

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| 【Product name】 : Anti-PON2 antibody | 【Source】 : Rabbit |
| 【Isotype】 : IgG | 【Species reactivity】 : Human Mouse |
| 【Swiss Prot】 : Q15165 | 【Gene ID】 : 5445 |
| 【Calculated】 : MW:39kDa | 【Observed】 : MW:38kDa |
| 【Purification】 : Affinity purification | |
| 【Tested applications】 : WB | |
| 【Recommended dilution】 : WB 1:500-2000. | |
| 【WB Positive sample】 : HepG2,293T | |
| 【Subcellular location】 : Membrane Peripheral membrane protein | |
| 【Immunogen】 : Recombinant protein of human PON2 | |
| 【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C | |

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.

Verified picture



Western blot analysis with PON2 antibody
diluted at 1:1000