

Product Datasheet

PON2 Antibody NBP1-52005

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-52005

PON2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	5445
Gene Symbol	PON2
Species	Human
Reactivity Notes	Expected from sequence similarity: Rat, Porcine, Canine
Specificity/Sensitivity	This antibody is expected to recognize isoforms 1 and 2 (NP_000296.2; NP_001018171.1).
Immunogen	Peptide with sequence C-EKPRARELRIS corresponding to internal region according to NP_000296.2, NP_001018171.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx 40kDa double band observed in lysates of HepG2 (calculated MW of 39.4kDa according to NP_000296.2 and of 38.0kDa according to NP_001018171.1). Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by incubation with the immunizing peptide IHC: Paraffin embedded Human Placenta.

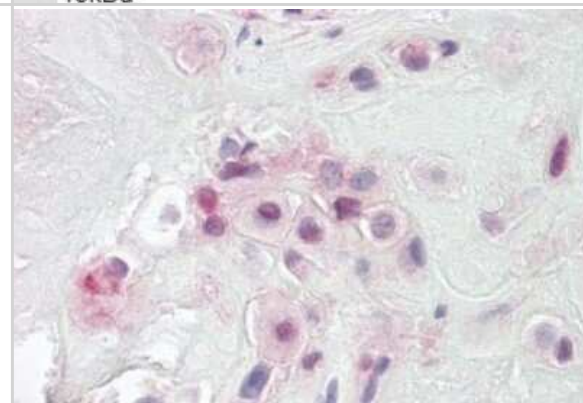


Images

Western Blot: PON2 Antibody [NBP1-52005] - HepG2 lysate (35ug protein in RIPA buffer) using NBP1-52005 at 0.2ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: PON2 Antibody [NBP1-52005] - 3.75ug/ml staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Shin BS. Paraoxonase gene polymorphism in south-western Korean population. J Korean Med Sci 2009-08-01 [PMID: 19654933]



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Products Related to NBP1-52005

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00005445-P01-10ug	Recombinant Human PON2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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