

Product Datasheet

Glutathione Peroxidase 4/GPX4 Antibody - BSA Free NBP1-54691

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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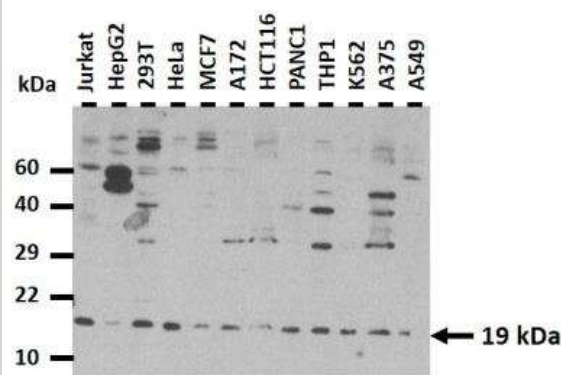


NBP1-54691**Glutathione Peroxidase 4/GPX4 Antibody - BSA Free**

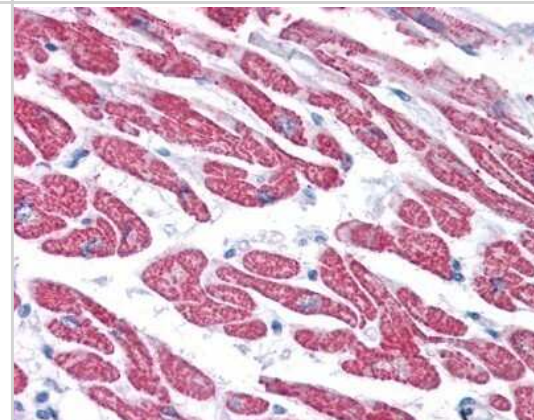
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	22 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	2879
Gene Symbol	GPX4
Species	Human, Rat
Immunogen	Synthetic peptides corresponding to GPX4(glutathione peroxidase 4 (phospholipid hydroperoxidase)) The peptide sequence was selected from the middle region of GPX4. Peptide sequence QUGKTEVNYTQLVDLHARYAECGLRILAFPCNQFGKQEPGSNEEIKEFAA. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	It is recommended to stain paraffin-embedded tissue samples with the antibody at 5ug/ml after heat-induced antigen retrieval with Sodium citrate buffer.

Images

Western Blot: Glutathione Peroxidase 4/GPX4 Antibody [NBP1-54691] - 25 ug of indicated human cell extracts were loaded onto a 10% - 20% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment. Recommended dilution for NBP1-54691 is 1 - 3 ug/mL. Recognizes 19 kDa cytoplasmic form in these cell lines, mitochondrial form of 22 kDa appears absent in these samples.



Immunohistochemistry-Paraffin: Glutathione Peroxidase 4/GPX4 Antibody [NBP1-54691] - Human Heart Tissue, antibody concentration 5 ug/ml.





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Products Related to NBP1-54691

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56139PEP	Glutathione Peroxidase 4/GPX4 Recombinant Protein Antigen

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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