

Product Datasheet

Peroxiredoxin 4 Antibody (9E7V0) NBP3-16760-100ul

Unit Size: 100 ul

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

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NBP3-16760-100ul**Peroxiredoxin 4 Antibody (9E7V0)****Product Information**

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9E7V0
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

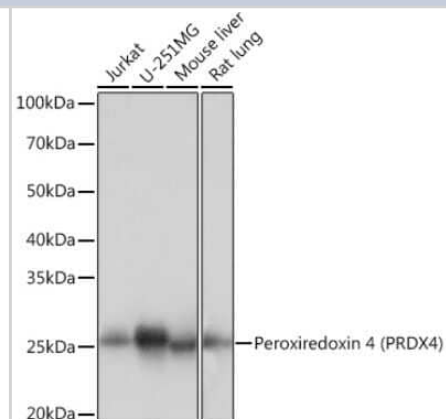
Description	Novus Biologicals Rabbit Peroxiredoxin 4 Antibody (9E7V0) (NBP3-16760) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10549
Gene Symbol	PRDX4
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Peroxiredoxin 4 (PRDX4) (Q13162). MEALPLLAATTPDHGRHRRLLLLPLLLFLLPAGAVQGWETEERPRTREEECHFYAGGQVYPGEASRVSVADHSLHLSKAKISKPAPYWEGTAVIDGEFKE

Product Application Details

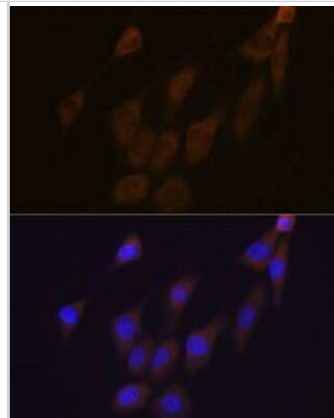
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

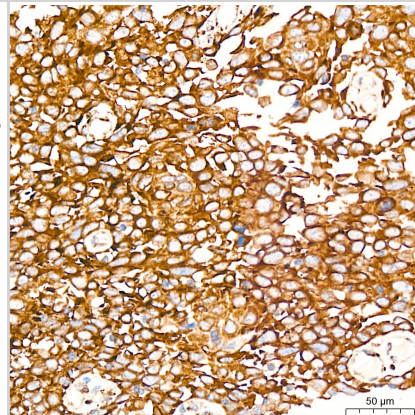
Western Blot: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760] - Western blot analysis of extracts of various cell lines, using Peroxiredoxin 4 (PRDX4) Rabbit mAb (NBP3-16760) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



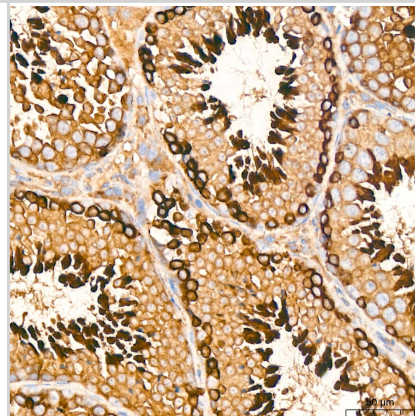
Immunocytochemistry/Immunofluorescence: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760] - Immunofluorescence analysis of NIH-3T3 cells using Peroxiredoxin 4 (PRDX4) Rabbit mAb (NBP3-16760) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



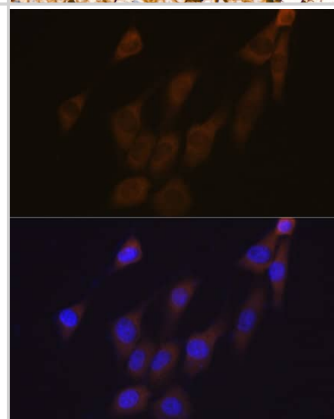
Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760] - Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded human cervix cancer tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



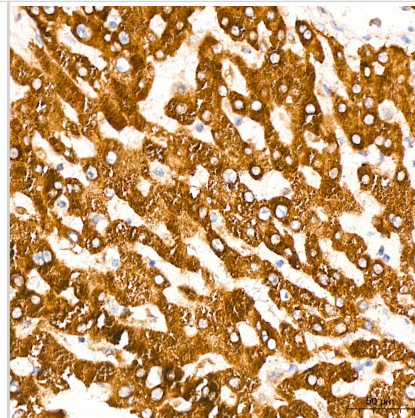
Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760] - Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded mouse testis tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



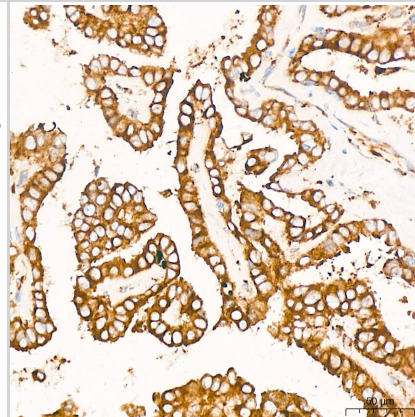
Immunocytochemistry/ Immunofluorescence: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760] - Immunofluorescence analysis of NIH-3T3 cells using Peroxiredoxin 4 (PRDX4) Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



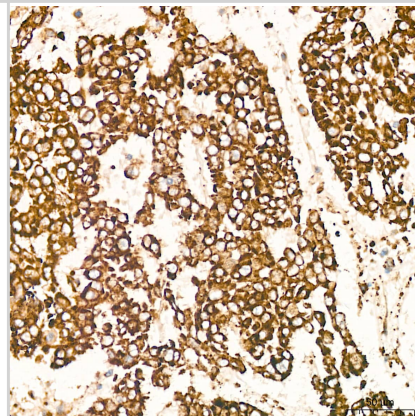
Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760]
- Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded human liver tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



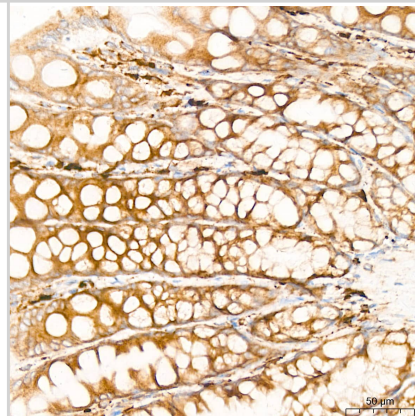
Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760]
- Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded human thyroid cancer tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



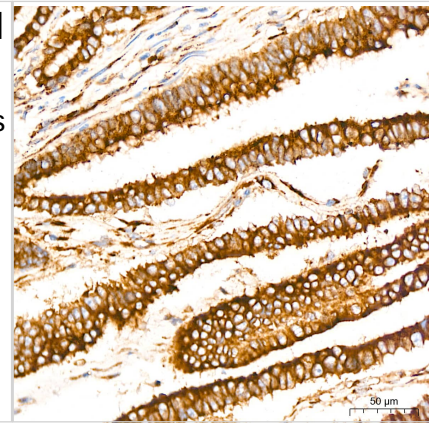
Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760]
- Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded human lung cancer tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760]
- Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded rat colon tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Peroxiredoxin 4 Antibody (9E7V0) [NBP3-16760]
- Immunohistochemistry analysis of Peroxiredoxin 4 in paraffin-embedded human colon carcinoma tissue using Peroxiredoxin 4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





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Products Related to NBP3-16760-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-41141	Recombinant Human Peroxiredoxin 4 His 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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