

Product Datasheet

Xanthine Oxidase Antibody (0M8E7) NBP3-16735-100ul

Unit Size: 100 ul

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

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NBP3-16735-100ul

Xanthine Oxidase Antibody (0M8E7)

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	0M8E7
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	146 kDa

Product Description

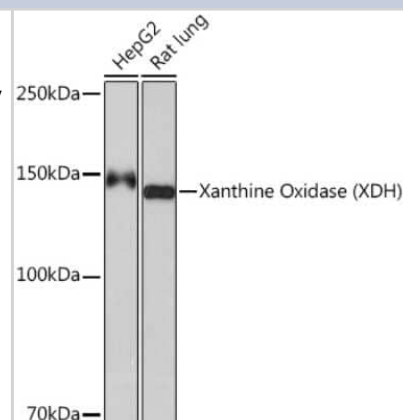
Description	Novus Biologicals Rabbit Xanthine Oxidase Antibody (0M8E7) (NBP3-16735) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7498
Gene Symbol	XDH
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 202-293 of human Xanthine Oxidase (XDH) (P47989). TPLDPTQEPIFPPELLRLKDTPRKQLRFEGERV TWIQASTLKELLDLKAQHPDA KL VVG NTEIGIEMKFKNMLFPMIVCPAWIPELNSVEHG

Product Application Details

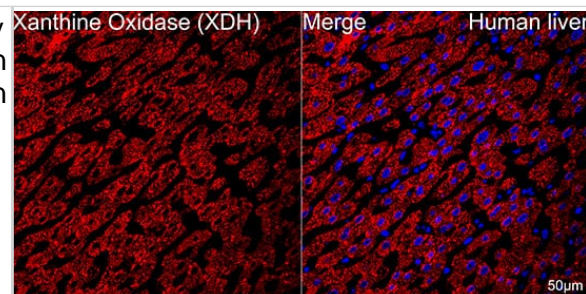
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:200 - 1:400, Immunohistochemistry-Paraffin 1:200 - 1:2000

Images

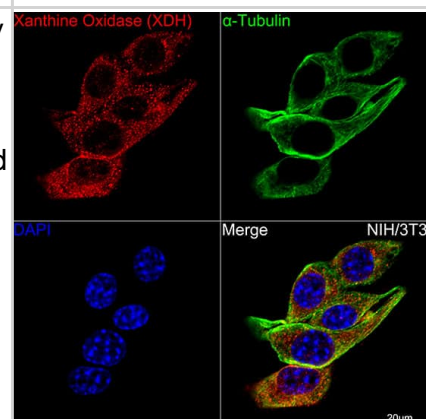
Western Blot: Xanthine Oxidase Antibody (0M8E7) [NBP3-16735] - Western blot analysis of extracts of various cell lines, using Xanthine Oxidase (XDH) Rabbit mAb (NBP3-16735) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



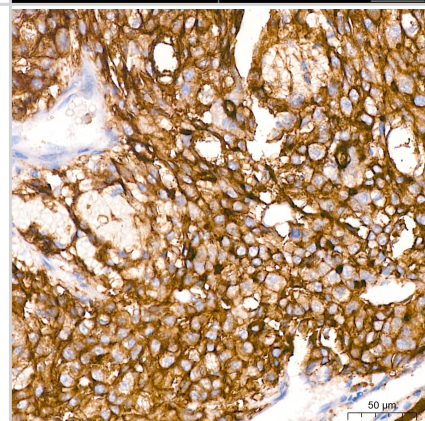
Immunocytochemistry/ Immunofluorescence: Xanthine Oxidase Antibody (0M8E7) [NBP3-16735] - Confocal imaging of paraffin-embedded Human liver using Xanthine Oxidase Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



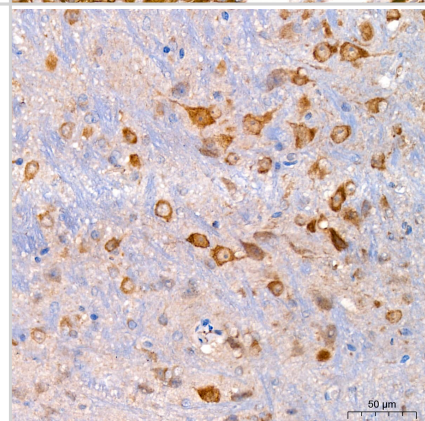
Immunocytochemistry/ Immunofluorescence: Xanthine Oxidase Antibody (0M8E7) [NBP3-16735] - Confocal imaging of NIH/3T3 cells using Xanthine Oxidase Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



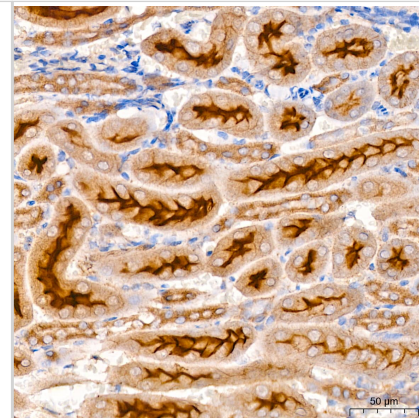
Immunohistochemistry: Xanthine Oxidase Antibody (0M8E7) [NBP3-16735] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Xanthine Oxidase Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



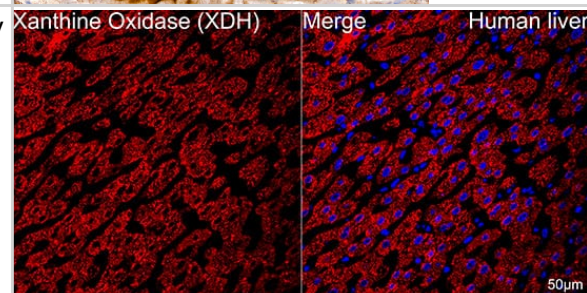
Immunohistochemistry: Xanthine Oxidase Antibody (0M8E7) [NBP3-16735] - Immunohistochemistry analysis of paraffin-embedded Mouse brain using Xanthine Oxidase Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



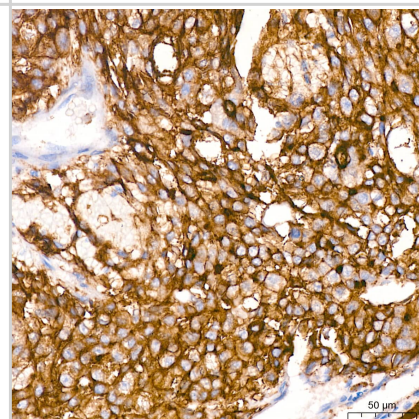
Immunohistochemistry: Xanthine Oxidase Antibody (0M8E7) [NBP3-16735] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Xanthine Oxidase Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



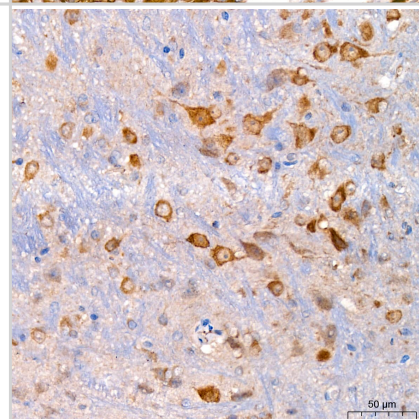
Immunocytochemistry/ Immunofluorescence: Xanthine Oxidase Antibody (0M8E7) [Xanthine Oxidase] - Confocal imaging of paraffin-embedded Human liver using Xanthine Oxidase Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



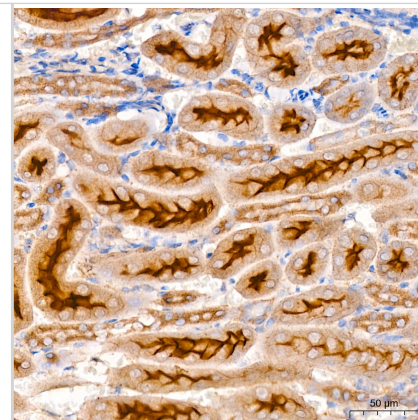
Immunohistochemistry: Xanthine Oxidase Antibody (0M8E7) [Xanthine Oxidase] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Xanthine Oxidase Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



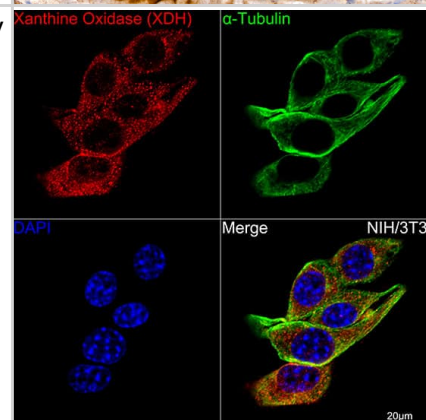
Immunohistochemistry: Xanthine Oxidase Antibody (0M8E7) [Xanthine Oxidase] - Immunohistochemistry analysis of paraffin-embedded Mouse brain using Xanthine Oxidase Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: Xanthine Oxidase Antibody (0M8E7) [Xanthine Oxidase] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Xanthine Oxidase Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Xanthine Oxidase Antibody (0M8E7) [Xanthine Oxidase] - Confocal imaging of NIH/3T3 cells using Xanthine Oxidase Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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Products Related to NBP3-16735-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57577PEP	Xanthine Oxidase 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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