

Product Datasheet

Glyoxalase I Antibody NBP1-31466

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-31466

Glyoxalase I Antibody

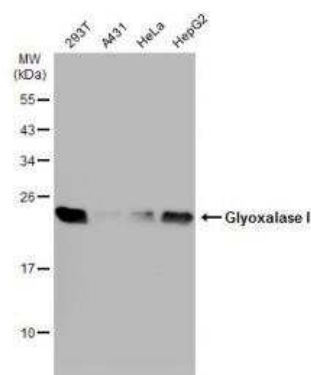
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	21 kDa

Product Description	
Host	Rabbit
Gene ID	2739
Gene Symbol	GLO1
Species	Human, Mouse
Reactivity Notes	Xenopus laevis (82%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Glyoxalase I. The exact sequence is proprietary.

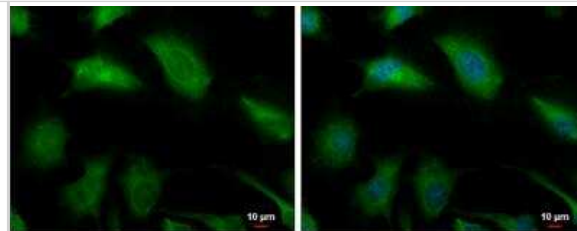
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

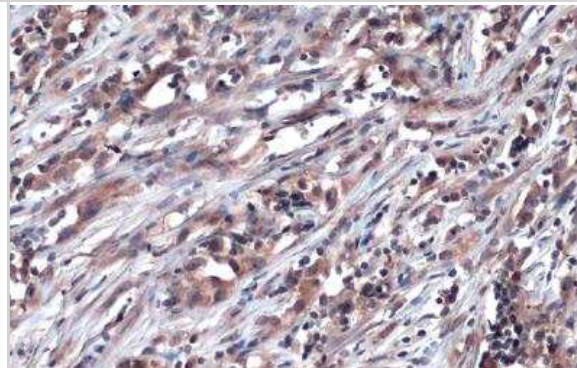
Western Blot: Glyoxalase I Antibody [NBP1-31466] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Glyoxalase I antibody [N1C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



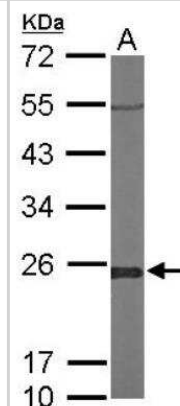
Immunocytochemistry/Immunofluorescence: Glyoxalase I Antibody [NBP1-31466] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Glyoxalase I protein stained by Glyoxalase I antibody [N1C3] diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



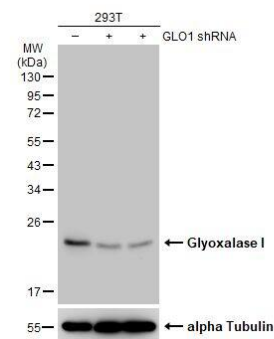
Immunohistochemistry-Paraffin: Glyoxalase I Antibody [NBP1-31466] - Human ovarian cancer. Glyoxalase I stained by Glyoxalase I antibody [N1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: Glyoxalase I Antibody [NBP1-31466] - Sample (50 μ g of whole cell lysate) A: Mouse brain 12% SDS PAGE; antibody diluted at 1:1000.



Western Blot: Glyoxalase I Antibody [NBP1-31466] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 12% SDS-PAGE, and the membrane was blotted with Glyoxalase I antibody [N1C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Gabriele S, Lombardi F, Sacco R, Napolioni V. The GLO1 C332 (Ala111) allele confers autism vulnerability: Family-based genetic association and functional correlates. *Journal of Psychiatric Research*. 2014-08-08 [PMID: 25201284]



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Products Related to NBP1-31466

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56695PEP	Glyoxalase I 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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