

Product Datasheet

Glutaminase Antibody (3211) - Azide and BSA Free NBP2-43762

Unit Size: 0.1 ml

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

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NBP2-43762

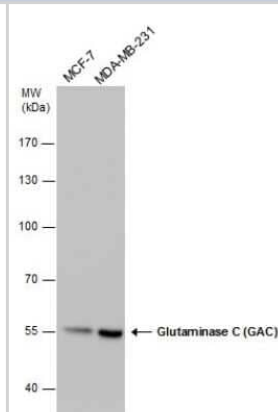
Glutaminase Antibody (3211) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
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	Monoclonal
Clone	3211
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	65 kDa
Product Description	
Host	Mouse
Gene ID	2744
Gene Symbol	GLS
Species	Human, Mouse
Specificity/Sensitivity	Specific for GAC but not KGA isoform.
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Glutaminase (GAC). 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

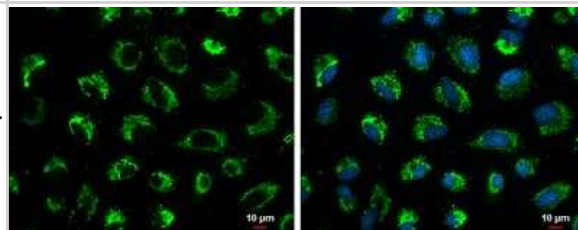


Images

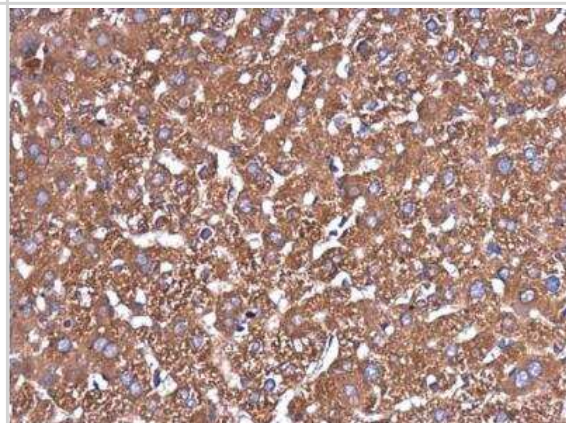
Western Blot: Glutaminase Antibody (3211) [NBP2-43762] - Analysis of various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glutaminase C (GAC) antibody [3211] diluted at a dilution of 1:1000.



Immunocytochemistry/Immunofluorescence: Glutaminase Antibody (3211) [NBP2-43762] - A549 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Glutaminase C protein stained by Glutaminase C antibody [3211] diluted at 1:200. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



Immunohistochemistry-Paraffin: Glutaminase Antibody (3211) [NBP2-43762] - Mouse liver. Glutaminase C antibody [3211] diluted at 1:250. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Publications

Chen Y, Zhao Y, Bajor D et al. A facile and sensitive method of quantifying glutaminase binding to its inhibitor CB-839 in tissues J Genet Genomics 2020-10-02 [PMID: 33004309]

Mincheva G, Gimenez-Garzo C, Izquierdo-Altarejos P et al. Golexanolone, a GABAA receptor modulating steroid antagonist, restores motor coordination and cognitive function in hyperammonemic rats by dual effects on peripheral inflammation and neuroinflammation CNS neuroscience & therapeutics 2022-07-26 [PMID: 35880480] (WB, Rat)

Details:
1:1000 WB dilution

Wang, Y, Bucher, M Et al. Use of Glucose, Glutamine and Fatty Acids for Trophoblast Respiration in Lean, Obese and Gestational Diabetic Women. J Clin Endocrinol Metab 2019-05-22 [PMID: 31116396] (ICC/IF, Porcine, Bovine, Sheep, Mouse)



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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-72301-0.1mg	Recombinant E. coli Glutaminase 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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