

Product Datasheet

Glutamine Synthetase Antibody (A3G2-R) NBP3-32387

Unit Size: 100 ul

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

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NBP3-32387**Glutamine Synthetase Antibody (A3G2-R)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A3G2-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	42 kDa
Product Description	
Host	Mouse
Gene ID	2752
Gene Symbol	GLUL
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Glutamine synthetase aa 190-373. (Uniprot: P15104)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500-1:2000



Images

Western Blot: Glutamine Synthetase Antibody (A3G2-R) [NBP3-32387] - Western blot analysis of Glutamine Synthetase on different lysates with Mouse anti-Glutamine Synthetase antibody (NBP3-32387) at 1/2,000 dilution.

Lane 1: HeLa cell lysate
 Lane 2: MCF7 cell lysate
 Lane 3: HepG2 cell lysate
 Lane 4: K-562 cell lysate
 Lane 5: Jurkat cell lysate
 Lane 6: HEK-293 cell lysate
 Lane 7: SK-Br-3 cell lysate
 Lane 8: Human liver tissue lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 42 kDa
 Observed band size: 42 kDa

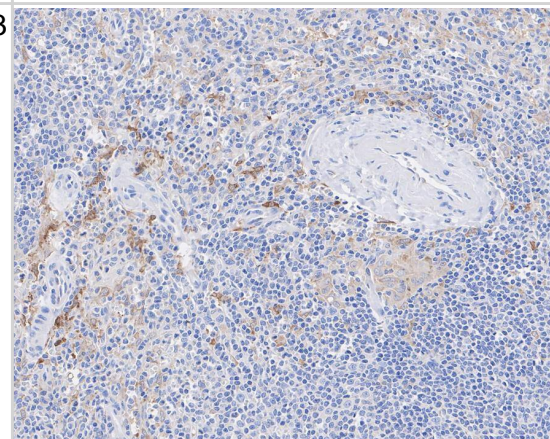
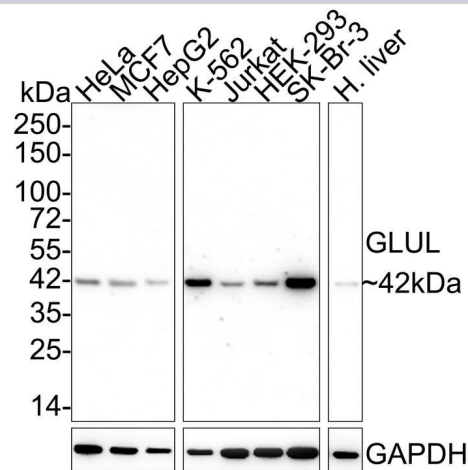
Exposure time: 50 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32387) at 1/2,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Glutamine Synthetase Antibody (A3G2-R) [NBP3-32387] - Immunohistochemical analysis of paraffin-embedded human spleen tissue with Mouse anti-Glutamine Synthetase antibody (NBP3-32387) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32387) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32387

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)
NBP2-52376-0.02mg	Recombinant Human Glutamine Synthetase 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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