

Product Datasheet

Dihydrofolate Reductase/DHFR Antibody (JE31-05) NBP3-32268

Unit Size: 100 ul

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

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NBP3-32268

Dihydrofolate Reductase/DHFR Antibody (JE31-05)

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	JE31-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	21.5 kDa

Product Description	
Host	Rabbit
Gene ID	1719
Gene Symbol	DHFR
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Dihydrofolate Reductase/DHFR aa 88-187 / 187. (Uniprot: P00374)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200



Images

Western Blot: Dihydrofolate Reductase/DHFR Antibody (JE31-05) [NBP3-32268] - Western blot analysis of Dihydrofolate Reductase/DHFR on different lysates with Rabbit anti-Dihydrofolate Reductase/DHFR antibody (NBP3-32268) at 1/1,000 dilution.

Lane 1: HCT116 cell lysate (15 ug/Lane)
 Lane 2: HeLa cell lysate (15 ug/Lane)
 Lane 3: U-2 OS cell lysate (15 ug/Lane)
 Lane 4: K-562 cell lysate (15 ug/Lane)
 Lane 5: MCF7 cell lysate (15 ug/Lane)
 Lane 6: HEK-293 cell lysate (15 ug/Lane)
 Lane 7: Jurkat cell lysate (15 ug/Lane)
 Lane 8: HepG2 cell lysate (15 ug/Lane)
 Lane 9: LO2 cell lysate (15 ug/Lane)
 Lane 10: Mouse liver tissue lysate (30 ug/Lane)
 Lane 11: Rat liver tissue lysate (30 ug/Lane)

Predicted band size: 21.5 kDa

Observed band size: 21.5 kDa

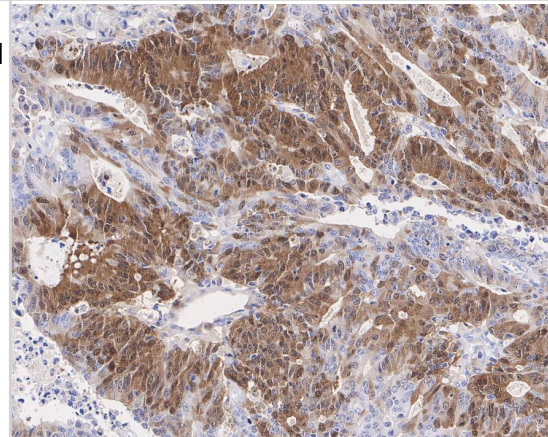
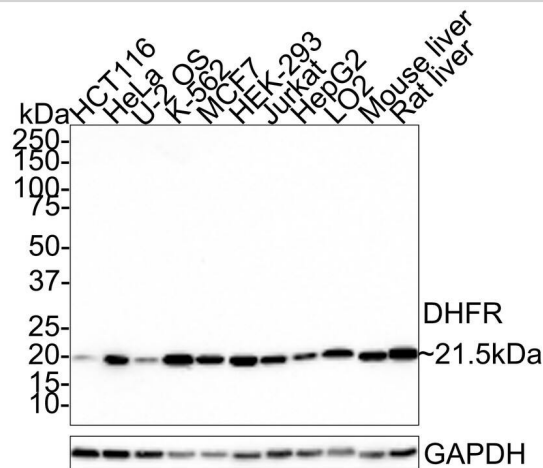
Exposure time: 1 minute;

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 (NBP3-32268) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Dihydrofolate Reductase/DHFR Antibody (JE31-05) [NBP3-32268] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Dihydrofolate Reductase/DHFR antibody (NBP3-32268) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 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 (NBP3-32268) at 1/200 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 NBP3-32268

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
8456-DR-100	Dihydrofolate Reductase/DHFR [Unconjugated]

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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