

Product Datasheet

MTHFR Antibody NBP3-21401-100ul

Unit Size: 100 ul

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

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Updated 5/3/2023 v.20.1

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NBP3-21401-100ul**MTHFR 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 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS, pH 7.2, 40% glycerol |

Product Description

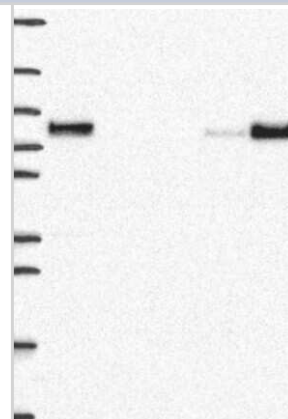
| | |
|--------------------|---|
| Host | Rabbit |
| Gene ID | 4524 |
| Gene Symbol | MTHFR |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: EELTSEESVFEVFLYLSGEPNRNGHKVTCLPWNDEPLAAETSLKELLRVNR QGILTINSQPNINGKPSSDPI |

Product Application Details

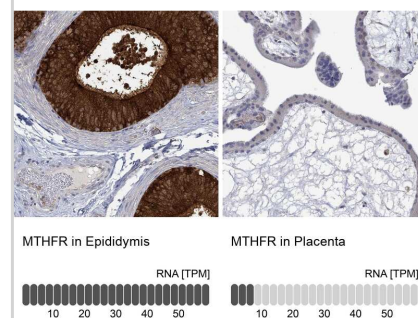
| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

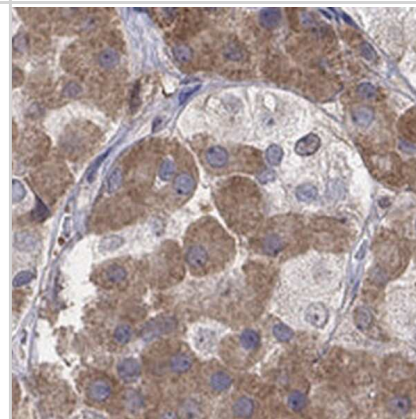
Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10 | Lane 2: RT4 |
Lane 3: U-251 MG | Lane 4: Human Plasma | Lane 5: Liver | Lane 6:
Tonsil



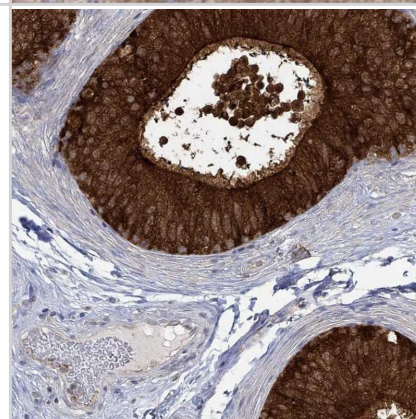
Analysis in human epididymis and placenta tissues using Anti-MTHFR antibody. Corresponding MTHFR RNA-seq data are presented for the same tissues.



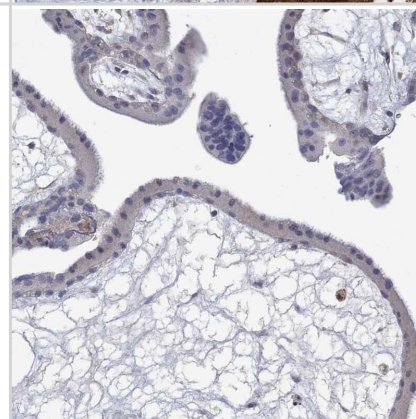
Staining of human pituitary gland shows strong positivity in most anterior cells.



Staining of human epididymis shows high expression.



Staining of human placenta shows low expression as expected.





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Products Related to NBP3-21401-100ul

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7156 | Goat anti-Rabbit IgG (H+L) Secondary Antibody |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP3-17040PEP | MTHFR 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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