

Product Datasheet

Nuclear Factor Erythroid Derived 2 Antibody - BSA Free NBP1-82580

Unit Size: 0.1 ml

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

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NBP1-82580**Nuclear Factor Erythroid Derived 2 Antibody - BSA Free**

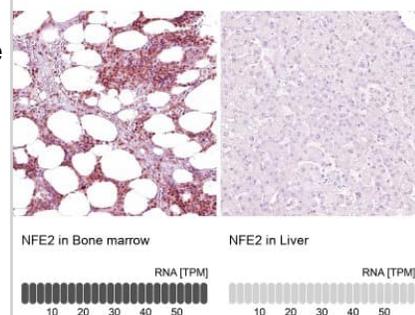
| Product Information | |
|----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

| Product Description | |
|----------------------------|--|
| Host | Rabbit |
| Gene ID | 4778 |
| Gene Symbol | NFE2 |
| Species | Human |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (85%) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: SRNRVIQLSTSELGEMELTWQEIMSITE LQGLNAPSEPSFEPQAPAPYLGPPPP TTYCPCSIHPD SGFPLPPPPYELPASTSHVPDP PYSYGNMAIPVSKPLSLGGL SEPLQDPLALLDIGLPAGPPKQEDPES |

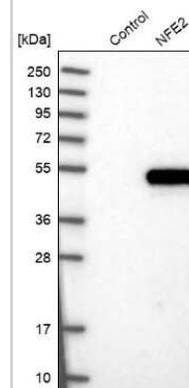
| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. br/>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in K-562, separated by Size, antibody dilution of 1:20, apparent MW was 52 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue. |

Images

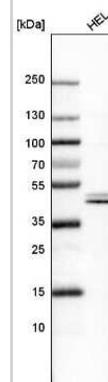
Immunohistochemistry-Paraffin: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Staining in human bone marrow and liver tissues . Corresponding NFE2 RNA-seq data are presented for the same tissues.



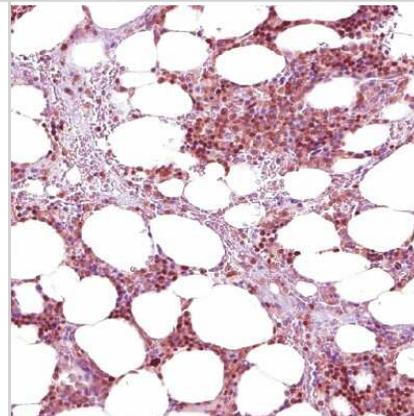
Western Blot: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Analysis in control (vector only transfected HEK293T lysate) and NFE2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



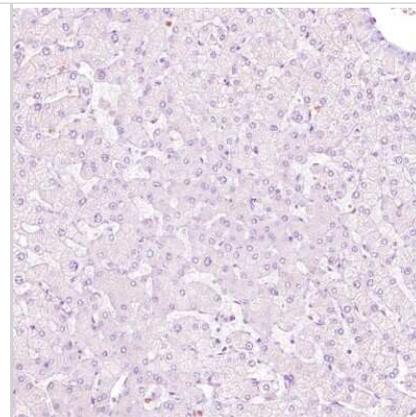
Western Blot: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Analysis in human cell line HEL.



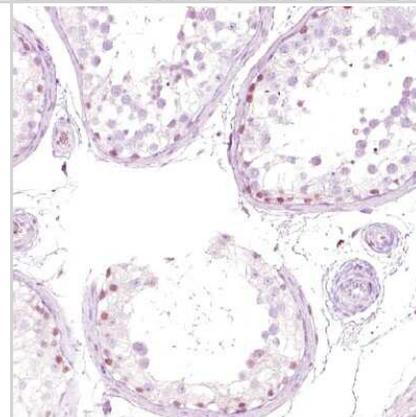
Immunohistochemistry-Paraffin: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Staining of human bone marrow shows moderate to strong nuclear positivity in hematopoietic cells.



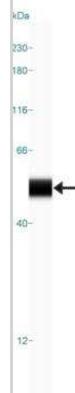
Immunohistochemistry-Paraffin: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Staining of human liver shows no nuclear positivity in hepatocytes as expected.



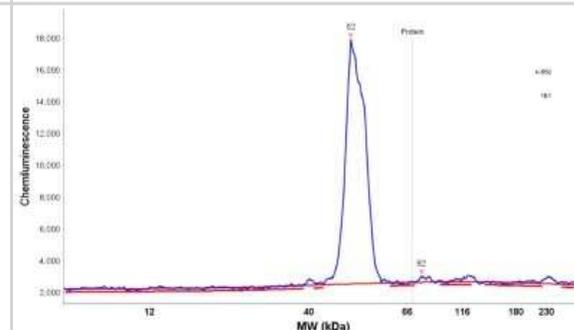
Immunohistochemistry-Paraffin: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



Simple Western: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Simple Western lane view shows a specific band for NFE2 in 0.2 mg/ml of K-562 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Nuclear Factor Erythroid Derived 2 Antibody [NBP1-82580] - Electropherogram image(s) of corresponding Simple Western lane view. Nuclear Factor Erythroid Derived 2 antibody was used at 1:20 dilution on K-562 lysate(s).





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Products Related to NBP1-82580

| | |
|---------------|--|
| NBP1-82580PEP | Nuclear Factor Erythroid Derived 2 Recombinant Protein Antigen |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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