

# Product Datasheet

## eRF1 Antibody - BSA Free NBP1-57565

Unit Size: 100 ul

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

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**NBP1-57565**

eRF1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	2107
Gene Symbol	ETF1
Species	Human
Specificity/Sensitivity	This product is specific to Subunit or Isoform: 1.
Immunogen	Synthetic peptides corresponding to ETF1 (eukaryotic translation termination factor 1) The peptide sequence was selected from the N terminal of ETF1 (50ug). Peptide sequence ISLIIPPKDQISRVAKMLADEFGTASNIKSRVNRLSVLGAITSVQQRLKL. The peptide sequence for this immunogen was taken from within the described region.

Product Application Details	
Applications	Western Blot, Dot Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin, Dot Blot
Application Notes	Use in DB reported in scientific literature (PMID:34504663).

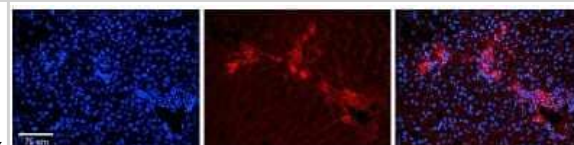


## Images

Western Blot: eRF1 Antibody [NBP1-57565] - Recommended Titration: 0.2 - 1 ug/ml ELISA Titer: 1:62500 Positive Control: THP - 1 cell lysate



Immunohistochemistry: eRF1 Antibody [NBP1-57565] - Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in bile ductule Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



## Publications

Bulygin KN, Timofeev IO, Malygin AA et al. Two alternative conformations of mRNA in the human ribosome during elongation and termination of translation as revealed by EPR spectroscopy Computational and structural biotechnology journal 2021-08-19 [PMID: 34504663] (Cytometric Bead Assay Standard, Human)



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### **Products Related to NBP1-57565**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002107-P01-10ug	Recombinant Human eRF1 GST (N-Term) Protein

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### **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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