

Product Datasheet

eRF1 Antibody - BSA Free NBP1-31113

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

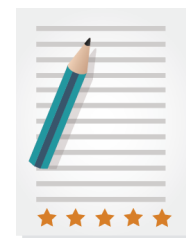
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Updated 9/25/2025 v.20.1

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NBP1-31113

eRF1 Antibody - BSA Free

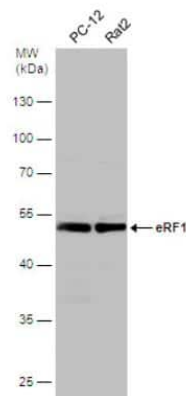
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Thimerosal |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | 0.1M Tris, 0.1M Glycine, 10% Glycerol |
| Target Molecular Weight | 49 kDa |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Rabbit eRF1 Antibody - BSA Free (NBP1-31113) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-eRF1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 2107 |
| Gene Symbol | ETF1 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Monkey reactivity reported in scientific literature (PMID: 25227463). |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human eRF1. The exact sequence is proprietary. |

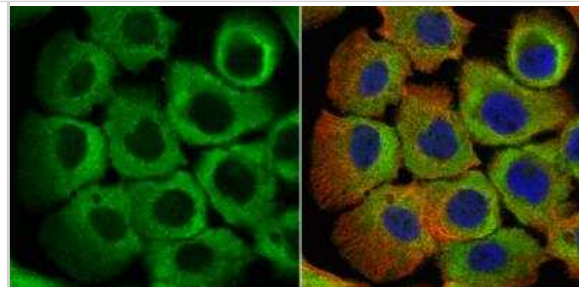
| Product Application Details | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

Images

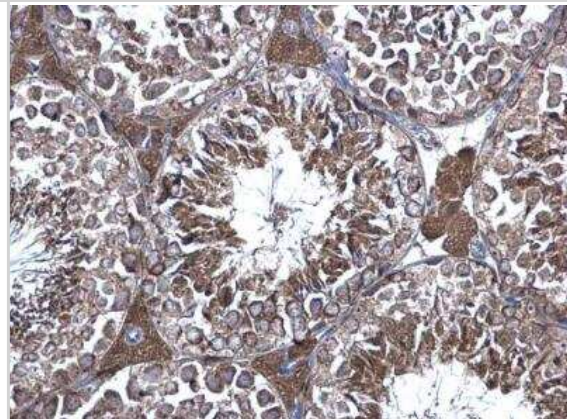
Western Blot: eRF1 Antibody [NBP1-31113] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with eRF1 antibody diluted at 1:500.



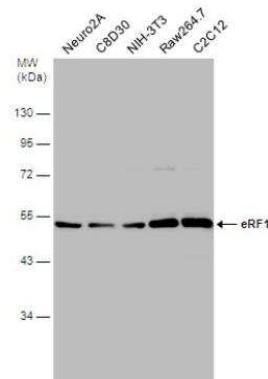
Immunocytochemistry/Immunofluorescence: eRF1 Antibody [NBP1-31113] - A431 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: eRF1 protein stained by eRF1 antibody diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000. Blue: Hoechst 33342 staining.



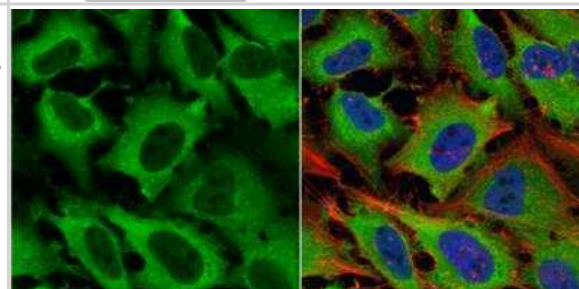
Immunohistochemistry-Paraffin: eRF1 Antibody [NBP1-31113] - Paraffin-embedded mouse testis. eRF1 antibody diluted at 1:500. Antigen Retrieval: Trilogy™ (EDTA based) buffer, 15min



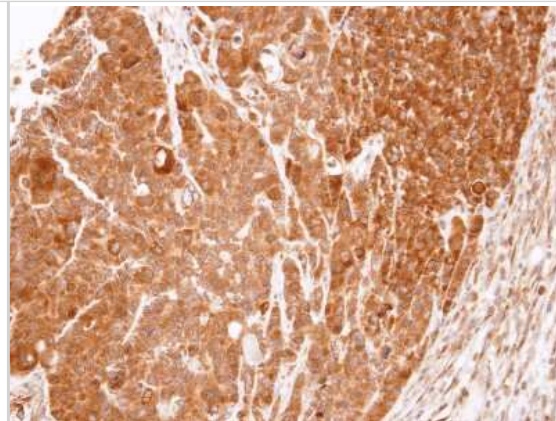
Western Blot: eRF1 Antibody [NBP1-31113] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with eRF1 antibody diluted at 1:500.



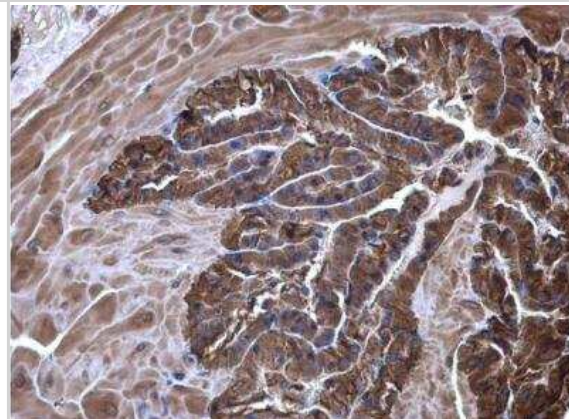
Immunocytochemistry/Immunofluorescence: eRF1 Antibody [NBP1-31113] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: eRF1 protein stained by eRF1 antibody diluted at 1:500. Red: phalloidin, a cytoskeleton marker, stained by phalloidin (invitrogen, A12380) diluted at 1:200. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: eRF1 Antibody [NBP1-31113] - Paraffin-embedded SW480 xenograft, using antibody at 1:100 dilution.



Immunohistochemistry-Paraffin: eRF1 Antibody [NBP1-31113] - Paraffin-embedded mouse prostate. eRF1 antibody diluted at 1:500. Antigen Retrieval: Trilogy™ (EDTA based) buffer, 15min



Publications

Desmet E, Anguish L, Parker J Virus-mediated compartmentalization of the host translational machinery. MBio 2014-09-16 [PMID: 25227463] (ICC/IF, WB, Monkey)

Bulygin KN, Bartuli YS, Malygin AA et al. Chemical footprinting reveals conformational changes of 18S and 28S rRNAs at different steps of translation termination on the human ribosome RNA 2016-02-01 [PMID: 26655225] (WB, Human)



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Products Related to NBP1-31113

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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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