

# Product Datasheet

## ERGIC1 Antibody - BSA Free

### NBP1-83962

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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#### Publications: 1

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**NBP1-83962**

ERGIC1 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

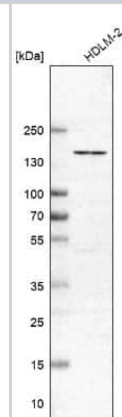
Product Description	
Description	Novus Biologicals Rabbit ERGIC1 Antibody - BSA Free (NBP1-83962) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ERGIC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57222
Gene Symbol	ERGIC1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PGNFHVSTHSATAQPQNPDMTHTVHKLSFGDTLQVQNIHGAFNALGGADRLTS NPLASHDYIL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

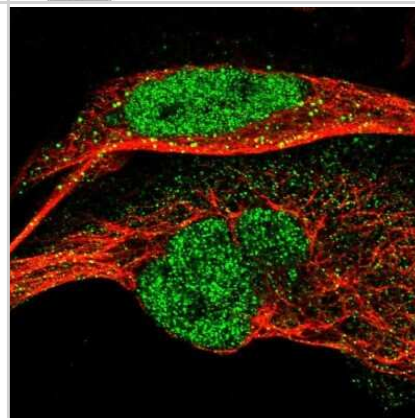


## Images

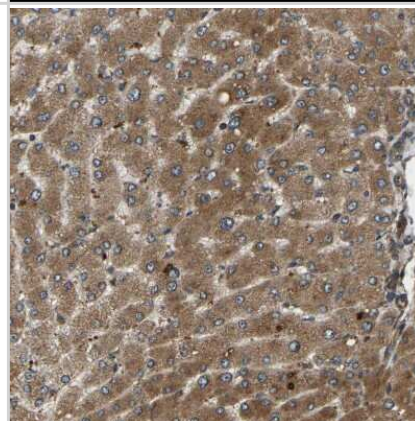
Western Blot: ERGIC1 Antibody [NBP1-83962] - Lane 1: Marker [kDa]  
207, 110, 79, 49, 32, 25, 17  
Lane 2: Human cell line RT-4  
Lane 3: Human cell line EFO-23



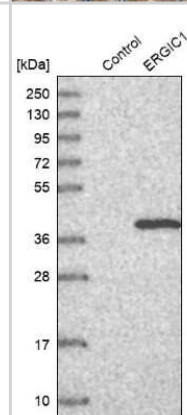
Immunocytochemistry/Immunofluorescence: ERGIC1 Antibody [NBP1-83962] - Staining of human cell line U-2 OS shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



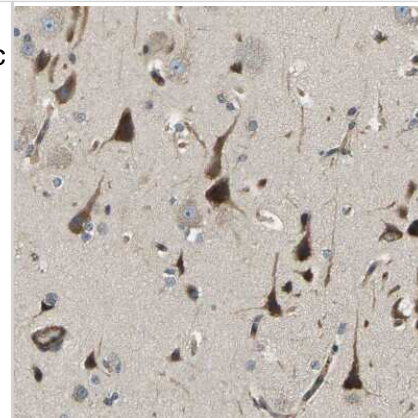
Immunohistochemistry-Paraffin: ERGIC1 Antibody [NBP1-83962] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



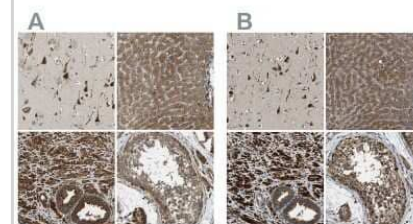
Western Blot: ERGIC1 Antibody [NBP1-83962] - Analysis in control (vector only transfected HEK293T lysate) and ERGIC1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



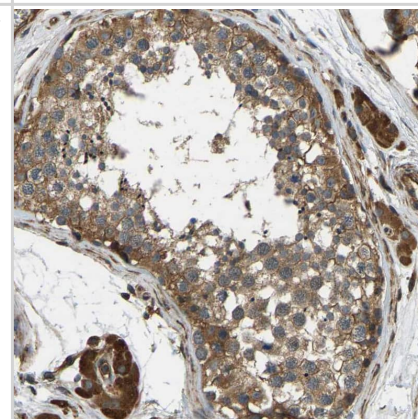
Immunohistochemistry-Paraffin: ERGIC1 Antibody [NBP1-83962] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



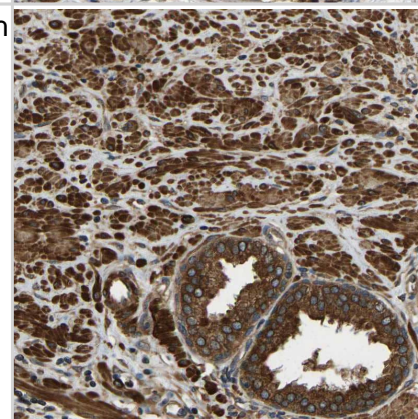
Immunohistochemistry-Paraffin: ERGIC1 Antibody [NBP1-83962] - Staining of human cerebral cortex, liver, prostate and testis using Anti-ERGIC1 antibody NBP1-83962 (A) shows similar protein distribution across tissues to independent antibody NBP1-83963 (B).



Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells) and glandular cells).



## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-83962**

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NBP1-83962PEP	ERGIC1 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

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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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