

Product Datasheet

GCN1L1 Antibody - BSA Free

NBP1-83383

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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Updated 12/2/2025 v.20.1

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NBP1-83383

GCN1L1 Antibody - BSA Free

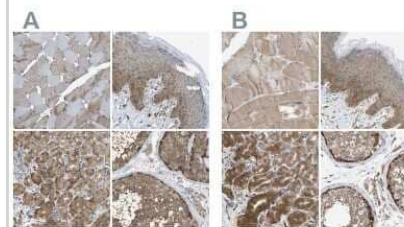
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit GCN1L1 Antibody - BSA Free (NBP1-83383) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GCN1L1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10985
Gene Symbol	GCN1L1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EALVTDAGEVTEAGKAYVPPRVLQEALCVISGVPGLKGDVTDTEQLAQEMLIIS HHPSLVAVQSGGLWPALLARMKIDPEAFITRHLDDQIIPRMTTQSPLNQSSMNAMG SLSVLSPDRVLPQLISTITA

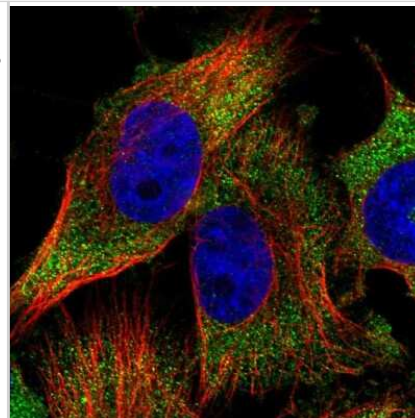
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

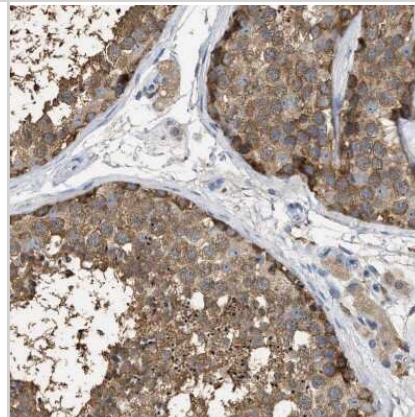
Immunohistochemistry-Paraffin: GCN1L1 Antibody [NBP1-83383] - Staining of human skeletal muscle, skin, stomach and testis using Anti-GCN1L1 antibody NBP1-83383 (A) shows similar protein distribution across tissues to independent antibody NBP1-83382 (B).



Immunocytochemistry/Immunofluorescence: GCN1L1 Antibody [NBP1-83383] - Immunofluorescent staining of human cell line U-251 MG shows localization to cytosol.



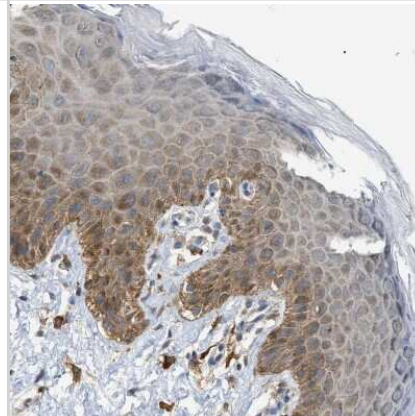
Immunohistochemistry-Paraffin: GCN1L1 Antibody [NBP1-83383] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



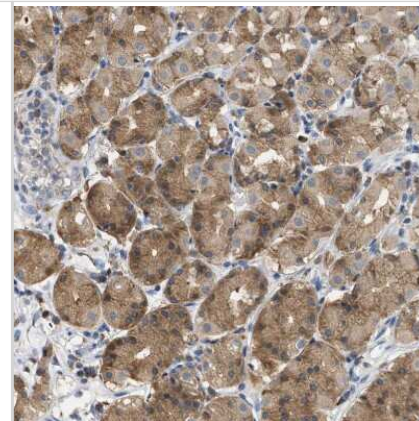
Immunohistochemistry-Paraffin: GCN1L1 Antibody [NBP1-83383] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: GCN1L1 Antibody [NBP1-83383] - Staining of human skin shows strong cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: GCN1L1 Antibody [NBP1-83383] - Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



Publications

Oltion K, Carelli JD, Yang T et al. An E3 ligase network engages GCN1 to promote the degradation of translation factors on stalled ribosomes *Cell* 2023-01-19 [PMID: 36638793] (KD, WB, Human)

Details:

KD see supplemental figure S5



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Products Related to NBP1-83383

NBP1-83383PEP	GCN1L1 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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