

(Mouse) Gnl3 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21255b

Specification

(Mouse) Gnl3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8C111
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	60786

(Mouse) Gnl3 Antibody (C-term) - Additional Information

Gene ID 30877

Other Names

Guanine nucleotide-binding protein-like 3, Nucleolar GTP-binding protein 3, Nucleostemin, Gnl3, Ns

Target/Specificity

This Mouse Gnl3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 420-454 amino acids from the C-terminal region of Mouse Gnl3.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

(Mouse) Gnl3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

(Mouse) Gnl3 Antibody (C-term) - Protein Information

Name Gnl3

Synonyms Ns

Function May be required to maintain the proliferative capacity of stem cells (By similarity). Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation.

Cellular Location

Nucleus. Nucleus, nucleolus. Note=Shuttles between the nucleus and nucleolus.
{ECO:0000250|UniProtKB:Q811S9}

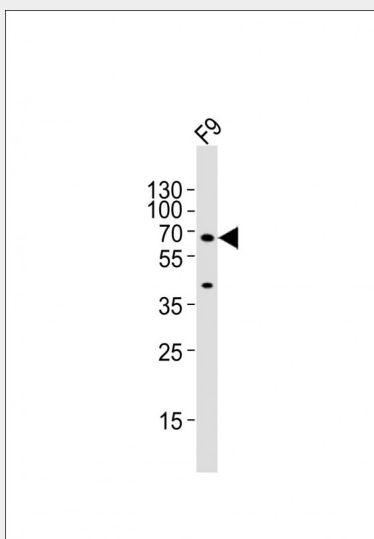
Tissue Location

Expressed in the adult bone marrow population that is enriched in hematopoietic stem cells.

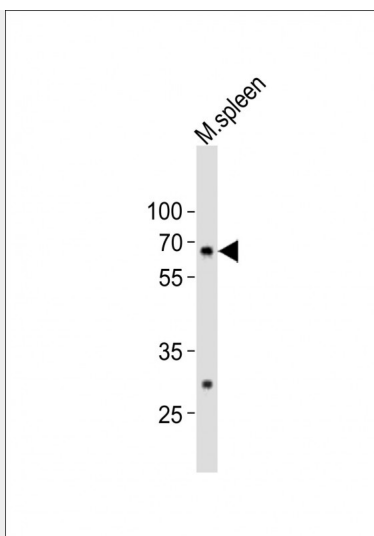
(Mouse) Gnl3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

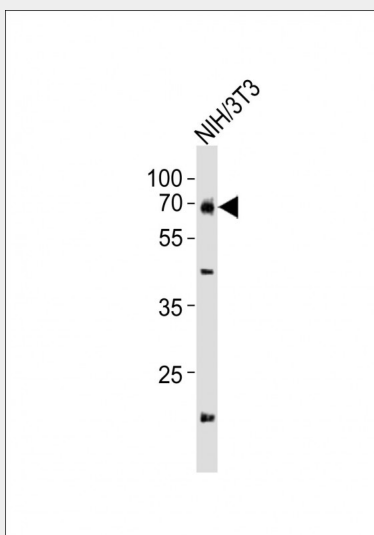
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

(Mouse) Gnl3 Antibody (C-term) - Images

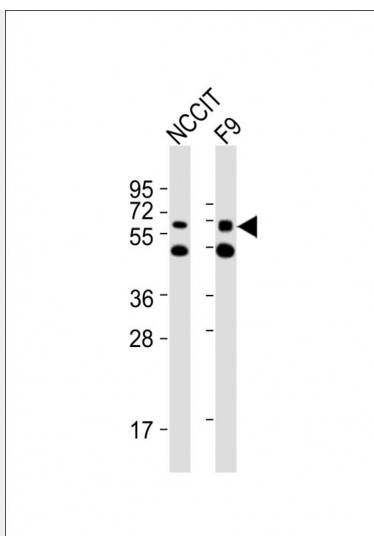
Anti-Gnl3 Antibody (C-term) at 1:4000 dilution + F9 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-GnI3 Antibody (C-term) at 1:500 dilution + mouse spleen lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-GnI3 Antibody (C-term) at 1:1000 dilution + NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-Gnl3 Antibody (C-term) at 1:2000 dilution Lane 1: NCCIT whole cell lysates Lane 2: F9 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

(Mouse) Gnl3 Antibody (C-term) - Background

May be required to maintain the proliferative capacity of stem cells (By similarity). Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation.

(Mouse) Gnl3 Antibody (C-term) - References

Tsai R.Y.L.,et al.Genes Dev. 16:2991-3003(2002).
Carninci P.,et al.Science 309:1559-1563(2005).
Trost M.,et al.Immunity 30:143-154(2009).
Meng L.,et al.Oncogene 30:1716-1726(2011).