

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

**Specification**

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

Application	WB,E
Primary Accession	<a href="#">Q8CI11</a>
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

E~~Use at an assay dependent concentration.

**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}

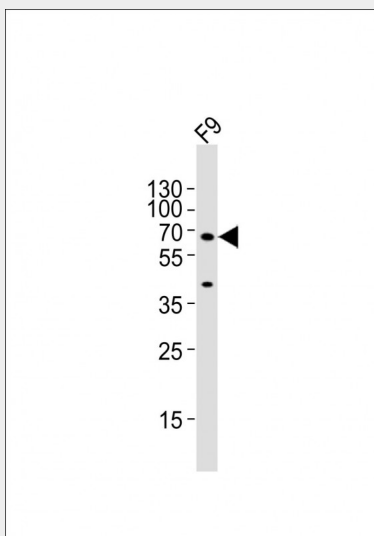
**Tissue Location**

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

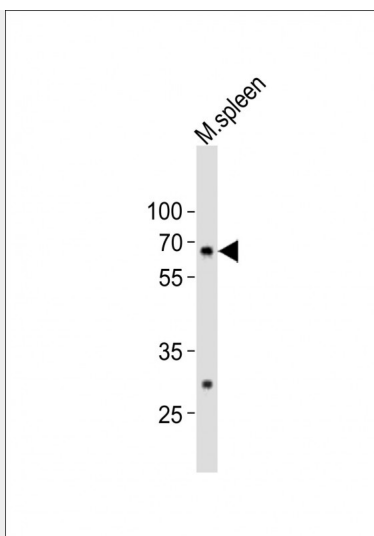
**(Mouse) Gnl3 Antibody (C-term) - Protocols**

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

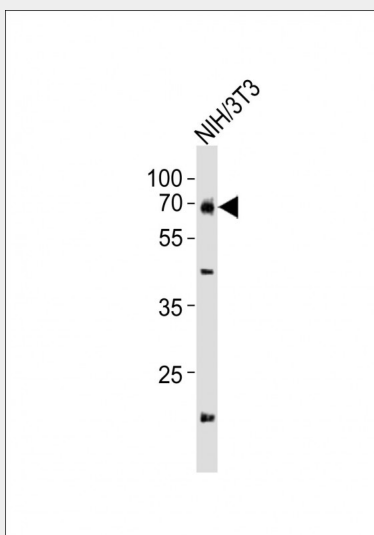
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

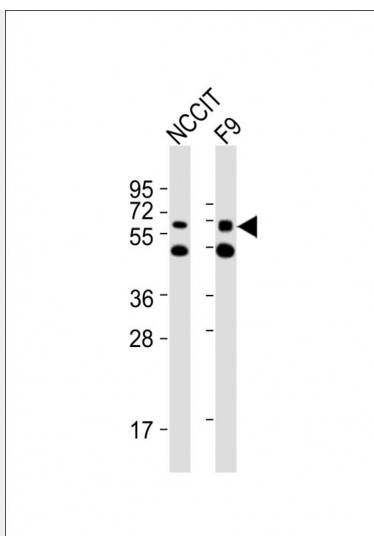
Anti-Gnl3 Antibody (C-term) at 1:4000 dilution + F9 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution  
Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



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).