

Mouse Gnl3 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19640B**Specification**

Mouse Gnl3 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	O8C111
Other Accession	NP_705775.2
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60786
Antigen Region	442-471

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 rabbits immunized with a KLH conjugated synthetic peptide between 442-471 amino acids from the C-terminal region of mouse Gnl3.

Dilution

WB~~1:1000

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

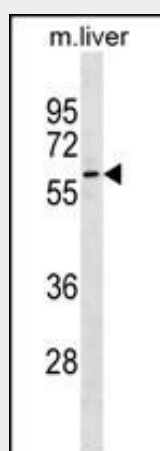
Expressed in the adult bone marrow population that is enriched in hematopoietic stem cells.

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



Mouse Gnl3 Antibody (C-term) (Cat. #AP19640b) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the Mouse Gnl3 antibody detected the Mouse Gnl3 protein (arrow).

Mouse Gnl3 Antibody(C-term) - Background

Gnl3 may be required to maintain the proliferative capacity of stem cells (By similarity).

Mouse Gnl3 Antibody(C-term) - References

Hirai, H., et al. Biochem. Biophys. Res. Commun. 391(1):299-304(2010)
Tamase, A., et al. Proc. Natl. Acad. Sci. U.S.A. 106(40):17163-17168(2009)
Nomura, J., et al. Stem Cells 27(5):1066-1076(2009)
Ohmura, M., et al. Stem Cells 26(12):3237-3246(2008)
Siddiqi, S., et al. Circ. Res. 103(1):89-97(2008)