

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	O8CI11
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

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

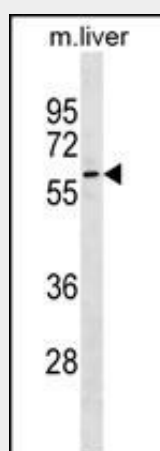
Expressed in the adult bone marrow population that is enriched in hematopoietic stem cells.

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)