

HEMGN Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21062a

Specification

HEMGN Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BXL5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55341

HEMGN Antibody (C-term) - Additional Information

Gene ID 55363

Other Names

Hemogen, Erythroid differentiation-associated gene protein, EDAG-1, Hemopoietic gene protein, Negative differentiation regulator protein, HEMGN, EDAG, NDR

Target/Specificity

This HEMGN antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 355-389 amino acids from the C-terminal region of human HEMGN.

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

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

HEMGN Antibody (C-term) - Protein Information

Name HEMGN

Synonyms EDAG, NDR

Function Regulates the proliferation and differentiation of hematopoietic cells. Overexpression

block the TPA-induced megakaryocytic differentiation in the K562 cell model. May also prevent cell apoptosis through the activation of the nuclear factor-kappa B (NF-kB).

Cellular Location

Nucleus.

Tissue Location

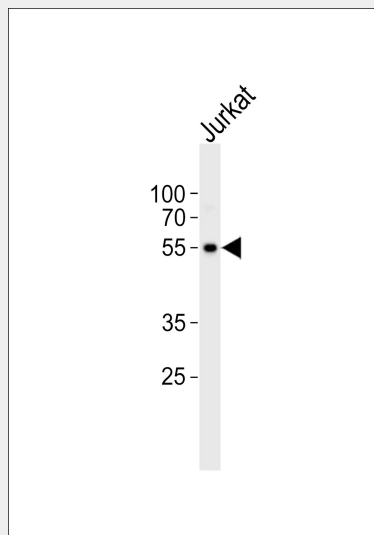
Expressed in hematopoietic precursor cells, thyroid and spermatids (at protein level). Expressed in bone marrow, testis, thymus. Expressed in prostate cancer and ovarian cancer. Also expressed in thymus and thyroid tumors, non-Hodgkin lymphoma, various leukemia cell lines, peripheral blood mononuclear cells (PBMCs) and bone marrow mononuclear cells (BMMCs) of patients with leukemia

HEMGN Antibody (C-term) - Protocols

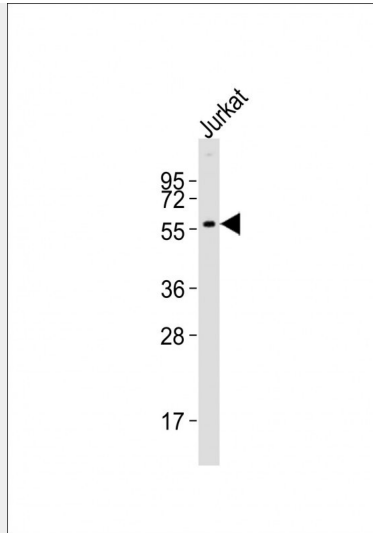
Provided below are standard protocols that you may find useful for product applications.

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

HEMGN Antibody (C-term) - Images



Western blot analysis of lysate from Jurkat cell line, using HEMGN Antibody (C-term)(Cat. #AP21062a). AP21062a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



Anti-HEMGN Antibody (C-term) at 1:2000 dilution + Jurkat whole cell lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 55 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

HEMGN Antibody (C-term) - Background

Regulates the proliferation and differentiation of hematopoietic cells. Overexpression block the TPA-induced megakaryocytic differentiation in the K562 cell model. May also prevent cell apoptosis through the activation of the nuclear factor-kappa B (NF-kB).

HEMGN Antibody (C-term) - References

- Yang L.V.,et al.Mech. Dev. 104:105-111(2001).
- Yang L.V.,et al.Dev. Dyn. 228:606-616(2003).
- Li C.Y.,et al.Cell Death Differ. 11:1299-1308(2004).
- Liu C.C.,et al.J. Biomed. Sci. 11:104-116(2004).
- Humphray S.J.,et al.Nature 429:369-374(2004).