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

Specification

HEMGN Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BXL5
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.

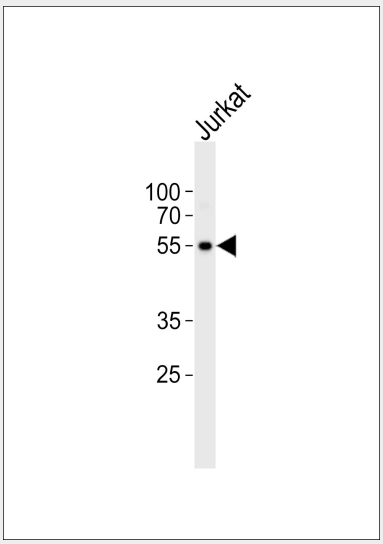
Tissue Location
Expressed in hematopoietic precursor cells, thyroid and spermatids (at protein level). Expressed in bone marrow, testis, thymus. Expressed in prostate cancer and ovarian cancer. Also expressed in thymus and thyroid tumors, non-Hodgkin lymphoma, various leukemia cell lines, peripheral 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.

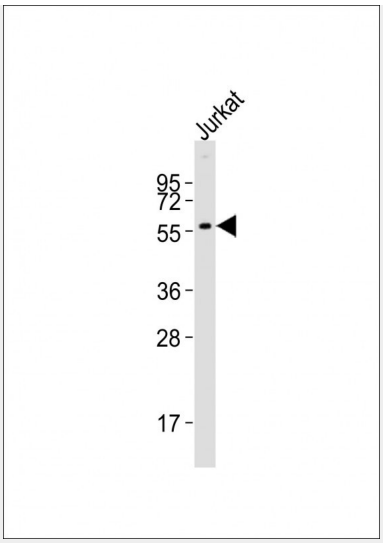
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.

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Anti-HEMGN Antibody (C-term) at 1:2000 dilution + Jurkat 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 : 55 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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).
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