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HEMGN Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13136b

Specification

HEMGN Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BXL5
Other Accession	NP_932095.1, NP_060907.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**55341**
Antigen Region	**420-449**

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 rabbits immunized with a KLH conjugated synthetic peptide between 420-449 amino acids from the C-terminal region of human HEMGN.

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
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.

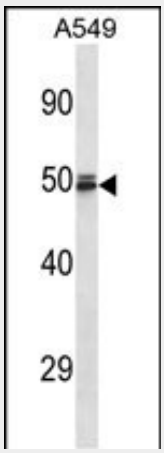
Tissue Location
Expressed in hematopoietic precursor cells, thyroid and spermatids (at protein level). Expressed in bone marrow, testis, thymus. Expressed in prostate cancer and ovarian cancer. Also expressed in thymus and thyroid tumors, non-Hodgkin lymphoma, various leukemia cell lines, peripheral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



HEMGN Antibody (C-term) (Cat. #AP13136b) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the HEMGN antibody detected the HEMGN protein (arrow).

HEMGN Antibody (C-term) - Background

HEMGN 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

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