

**HEMGN Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13136b****Specification**

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**HEMGN Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9BXL5</a>
Other Accession	<a href="#">NP_932095.1</a> , <a href="#">NP_060907.2</a>
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

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**

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.

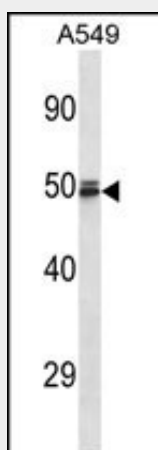
**Tissue Location**

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**

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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Li, C.Y., et al. Biochim. Biophys. Acta 1779(10):606-615(2008)  
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