

## Rabbit anti-Human HEMGN Polyclonal Antibody | anti-HEMGN antibody

HEMGN Antibody (C-term)

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA287485</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

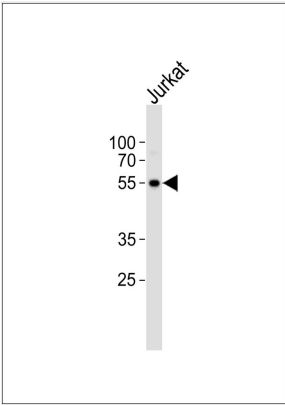
### PRODUCT SYNONYMS

HEMGN; Polyclonal Antibody; HEMGN Antibody (C-term); Hemogen; Erythroid differentiation-associated gene protein; EDAG-1; Hemopoietic gene protein; Negative differentiation regulator protein; EDAG; NDR; anti-HEMGN antibody

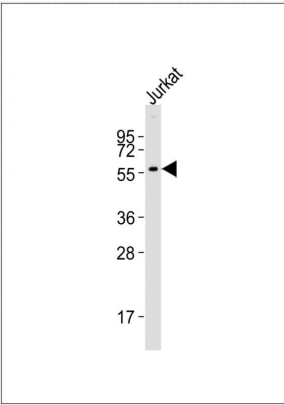
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| 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.      |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                    |
| Form/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. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Length                                 | 484                                                                                                                                                                          |
| Applicable Applications for anti-HEMGN antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Crown Antibody                                  | Yes                                                                                                                                                                          |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
Western blot analysis of lysate from Jurkat cell line, using HEMGN Antibody (C-term).  
AAA287485 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.



**WB (Western Blot)**  
Anti-HEMGN Antibody (C-term) at 1:2000 dilution + Jurkat whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 55 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HEMGN antibody | 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). |
| Product Categories/Family for anti-HEMGN antibody   | Crown Antibodies; Stem Cells                                                                                                                                                                                                                                      |
| References                                          | Yang L.V.,et al.Mech. Dev. 104:105-111(2001).<br>Yang L.V.,et al.Dev. Dyn. 228:606-616(2003).<br>Li C.Y.,et al.Cell Death Differ. 11:1299-1308(2004).<br>Liu C.C.,et al.J. Biomed. Sci. 11:104-116(2004).<br>Humphray S.J.,et al.Nature 429:369-374(2004).        |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 37574622                       |
| NCBI GeneID                      | 55363                          |
| NCBI Accession #                 | NP_060907.2                    |
| NCBI GenBank Nucleotide #        | NM_018437.4                    |
| UniProt Accession #              | Q9BXL5; Q6XAR3; Q86XY5; Q9NPC0 |
| Molecular Weight                 | 55341                          |
| NCBI Official Full Name          | hemogen                        |
| NCBI Official Synonym Full Names | hemogen                        |
| NCBI Official Symbol             | HEMGN                          |
| NCBI Official Synonym Symbols    | NDR; EDAG; CT155; EDAG-1       |
| NCBI Protein Information         | hemogen                        |
| UniProt Protein Name             | Hemogen                        |
| UniProt Gene Name                | HEMGN                          |
| UniProt Synonym Gene Names       | EDAG; NDR; EDAG-1              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hemgn-antibody-western-blot-elisa/287485>