

DATASHEET

Hemogen Rabbit Polyclonal Antibody

CAT. NO. APA15810

KEY FEATURES

Target	Hemogen	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

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).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

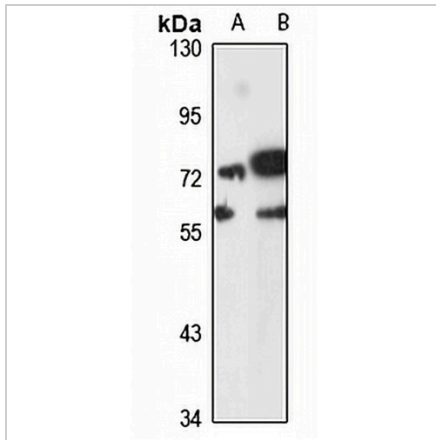
Description	Rabbit polyclonal antibody to Hemogen
Specificity	Recognizes endogenous levels of Hemogen protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human Hemogen. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 55 kD; Observed: 55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	EDAG; NDR; Hemogen; Erythroid differentiation-associated gene protein; EDAG-1; Hemopoietic gene protein; Negative differentiation regulator protein
Gene Symbol	HEMGN
Entrez Gene	55363(Human); 93966(Mouse); 113882(Rat)
SwissProt	Q9BXL5(Human); Q9ERZ0(Mouse); Q6AZ54(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Hemogen expression in HepG2 (A), mouse spleen (B) whole cell lysates. (Predicted band size: 55 kD; Observed band size: 55 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.