

**HHEX antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10016****Specification**

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**HHEX antibody - middle region - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">Q03014</a>
Other Accession	<a href="#">Q03014</a> , <a href="#">NP_002720</a> , <a href="#">NM_002729</a>
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30 kDa KDa

**HHEX antibody - middle region - Additional Information****Gene ID** 3087**Alias Symbol** HEX, PRH, HMPH, PRHX, HOX11L-PEN**Other Names**

Hematopoietically-expressed homeobox protein HHEX, Homeobox protein HEX, Homeobox protein PRH, HHEX, HEX, PRH, PRHX

**Target/Specificity**

HHEX encodes a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation.

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-HHEX antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

HHEX antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**HHEX antibody - middle region - Protein Information****Name** HHEX**Synonyms** HEX, PRH, PRHX

**Function**

Recognizes the DNA sequence 5'-ATTAA-3' (By similarity). Transcriptional repressor (By similarity). Activator of WNT-mediated transcription in conjunction with CTNNB1 (PubMed:<a href="http://www.uniprot.org/citations/20028982" target="\_blank">20028982</a>). Establishes anterior identity at two levels; acts early to enhance canonical WNT- signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL (By similarity). Inhibits EIF4E-mediated mRNA nuclear export (PubMed:<a href="http://www.uniprot.org/citations/12554669" target="\_blank">12554669</a>). May play a role in hematopoietic differentiation (PubMed:<a href="http://www.uniprot.org/citations/8096636" target="\_blank">8096636</a>).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P43120}. Nucleus, nuclear body. Cytoplasm

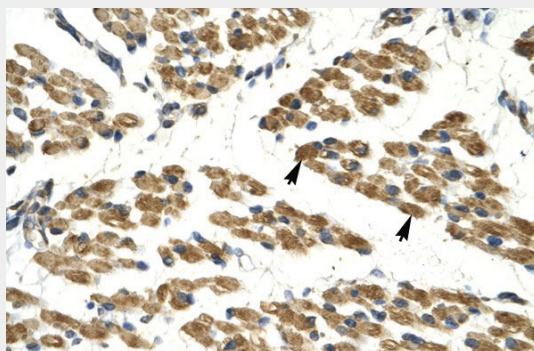
**Tissue Location**

Liver and promyelocytic leukemia cell line HL-60.

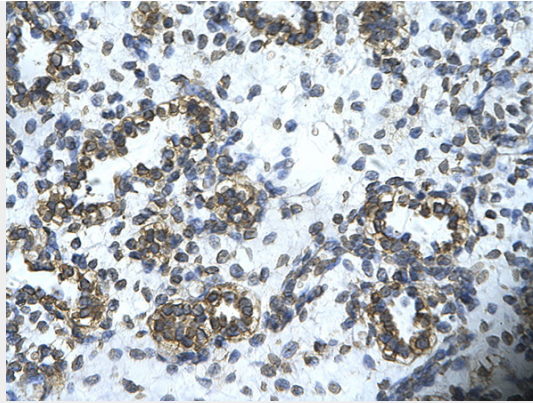
**HHEX antibody - middle region - Protocols**

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](#)

**HHEX antibody - middle region - Images**

HHEX antibody - middle region (AI10016) in Human Muscle cells using Immunohistochemistry  
HumanMuscle



Human Lung  
Rabbit Anti-HHEX Antibody  
Paraffin Embedded Tissue: Human alveolar cell  
Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



HHEX antibody - middle region (AI10016) in Human K562 cells using Western Blot  
WB Suggested Anti-HHEX Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: K562 cell lysate  
HHEX is strongly supported by BioGPS gene expression data to be expressed in Human K562 cells

#### **HHEX antibody - middle region - Background**

This is a rabbit polyclonal antibody against HHEX. It was validated on Western Blot and immunohistochemistry by Abgent. At Abgent we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ([sales@abgent.com](mailto:sales@abgent.com)).