

HHEX antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI10016

Product Information

Application WB, IHC Primary Accession Q03014

Other Accession <u>Q03014, NP 002720, NM 002729</u>

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 30022

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.

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: 20028982). 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:12554669). May play a role in hematopoietic differentiation

(PubMed:8096636).

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

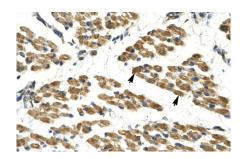
Cytoplasm

Tissue Location Liver and promyelocytic leukemia cell line HL-60.

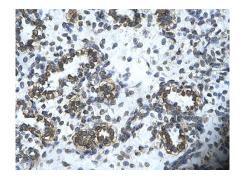
Background

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).

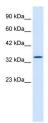
Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.