

Anti-Hex Rabbit Monoclonal Antibody

Catalog # ABO15555

Product Information

Application	WB, IP
Primary Accession	Q03014
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Hex Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human.

Additional Information

Gene ID	3087
Other Names	Hematopoietically-expressed homeobox protein HHEX, Homeobox protein HEX, Homeobox protein PRH, Proline-rich homeodomain protein, HHEX, HEX, PRH, PRHX
Calculated MW	30022
Application Details	WB 1:500-1:2000 IP 1:40
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 21H31 A synthesized peptide derived from human Hex
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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](#)).

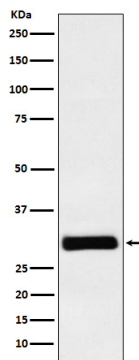
Cellular Location

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

Tissue Location

Liver and promyelocytic leukemia cell line HL-60.

Images



Western blot analysis of Hex expression in K562 cell lysate.

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