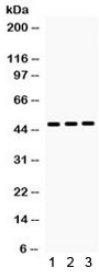
HHEX Antibody / HEX / Hematopoietically expressed homeobox protein (R32186)

Catalog No.	Formulation	Size
R32186	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q03014
Applications	Western Blot : 0.1-0.5ug/ml
Limitations	This HHEX antibody is available for research use only.



Western blot testing of 1) rat liver, 2) mouse liver and 3) human HepG2 lysate with HHEX antibody. Routinely observed at 35~37 kDa (Ref 1), observed here at ~47 kDa.

Description

Hematopoietically-expressed homeobox protein HHEX is a protein that in humans is encoded by the HHEX gene. Homeobox genes are members of a family of transcription factors that regulate tissue development in many different organisms. Hromas et al. (1993) set out to identify homeobox genes that might play a role in hematopoiesis. And using somatic cell hybrid analysis, they mapped the HHEX gene to chromosome 10, where the HOX11 gene is located. Homeobox genes are involved in neoplastic transformation of both epithelial and hemopoietic tissues. The divergent homeobox gene HEX is expressed in the anterior visceral endoderm during early mouse development and in some adult

tissues of endodermal origin, including liver and thyroid. D'Elia et al.Â's findings suggested that regulation of HEX entry in the nucleus of thyrocytes may represent a critical step during human thyroid tumorigenesis.

Application Notes

Optimal dilution of the HHEX antibody should be determined by the researcher.

Immunogen

Amino acids NDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQ of human HHEX were used as the immunogen for the HHEX antibody.

Storage

After reconstitution, the HHEX antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

References (1)

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