

Hex Polyclonal Antibody | anti-Hex antibody

Anti-Hex Antibody

CATALOG # AAA46455	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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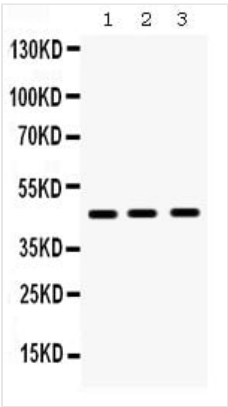
PRODUCT SYNONYMS

Hex; Polyclonal Antibody; Anti-Hex Antibody; Hematopoietically-expressed homeobox protein Hhex; Hematopoietically expressed homeobox; Hematopoietically-expressed homeobox protein HHEX; HEX; HHEX; HHEX_HUMAN; HMPH; Homeobox hematopoietically expressed; Homeobox protein HEX; Homeobox protein PRH; HOX11L PEN; PRH; PRHX; Proline rich homeodomain containing transcription factor; OTTHUMP00000206478; OTTHUMP00000206479; OTTHUMP00000206480; OTTHUMP00000206482; OTTHUMP00000207360; USURPIN; Usurpin beta; hematopoietically expressed homeobox; anti-Hex antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	270
Applicable Applications for anti-Hex antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Hex(146-180aa NDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQ), different from the related mouse sequence by one amino acid.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- Hex Picoband antibody, AAA46455, Western blottingAll lanes: Anti Hex (AAA46455) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Mouse Liver Tissue Lysate at 50ugLane 3: HEPG Whole Cell Lysate at 40ugPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-Hex antibody	Description: Rabbit IgG polyclonal antibody for Hematopoietically-expressed homeobox protein Hhex(HHEX) detection. Tested with WB in Human;Mouse; Rat. Background: 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.'s findings suggested that regulation of HEX entry in the nucleus of thyrocytes may represent a critical step during human thyroid tumorigenesis.
References	1. D'Elia, A. V., Tell, G., Russo, D., Arturi, F., Puglisi, F., Manfioletti, G., Gattei, V., Mack, D. L., Cataldi, P., Filetti, S., Di Loreto, C., Damante, G. Expression and localization of the homeodomain-containing protein HEX in human thyroid tumors. J. Clin. Endocr. Metab. 87: 1376-1383, 2002. 2. Hromas, R., Radich, J., Collins, S. PCR cloning of an orphan homeobox gene (PRH) preferentially expressed in myeloid and liver cells. Biochem. Biophys. Res. Commun. 195: 976-983, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506049
NCBI GeneID	3087
NCBI Accession #	NP_002720.1
NCBI GenBank Nucleotide #	NM_002729.4
UniProt Accession #	Q03014; Q96CE9; B1AQ17
Molecular Weight	30,022 Da
NCBI Official Full Name	hematopoietically-expressed homeobox protein HHEX
NCBI Official Synonym Full Names	hematopoietically expressed homeobox
NCBI Official Symbol	HHEX
NCBI Official Synonym Symbols	HEX; PRH; HMPH; PRHX; HOX11L-PEN

NCBI Protein Information	hematopoietically-expressed homeobox protein HHEX
UniProt Protein Name	Hematopoietically-expressed homeobox protein HHEX
UniProt Gene Name	HHEX
UniProt Synonym Gene Names	HEX; PRH; PRHX; Homeobox protein HEX
UniProt Entry Name	HHEX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hex-antibody-western-blot-elisa/46455>