OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for CF500027

Hex (HHEX) Mouse Monoclonal Antibody [Clone ID: OTI2H7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2H7
Applications:	IF, WB
Recommended Dilution:	WB: 1:50 - 1:100, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant fragment expressed in E.coli corresponding to amino acids 100-270 of human Hex
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.8 kDa (experimental 44 kDa)
Gene Name:	hematopoietically expressed homeobox
Database Link:	NP_002720 Entrez Gene 15242 MouseEntrez Gene 79237 RatEntrez Gene 3087 Human Q03014
Background:	Hex is 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.

View online »

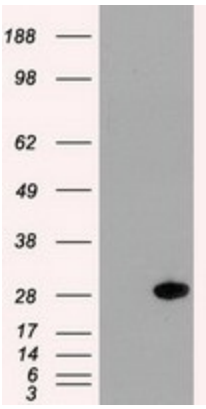
This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Synonyms: HEX; HMPH; HOX11L-PEN; PRH; PRHX

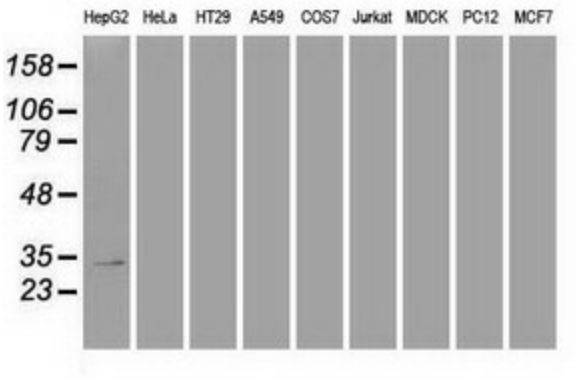
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

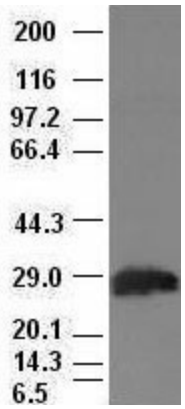
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-Entry-HHex ([RC204815], Right lane) cDNA for 48 hrs and lysed at 1:100 dilution. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HHex. Positive lysates [LY419139] (100ug) and [LC419139] (20ug) can be purchased separately from OriGene.

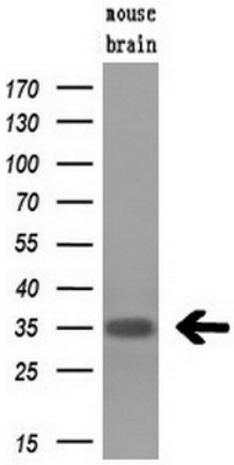


Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-HHex monoclonal antibody at 1:50 dilution (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).

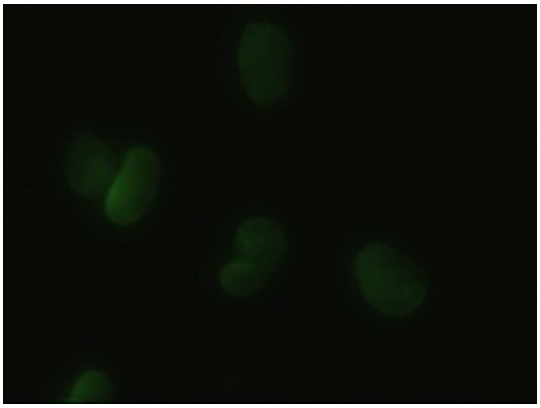


Hex antibody (2H7) at 1:100 dilution + Lysates from HEK-293T cells transfected with human Hex expression vector (Cat# [RC204815])

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Western blot analysis of extracts (10ug) from a mouse tissue by using anti-HHex monoclonal antibody (1:200).



Anti-HHex mouse monoclonal antibody ([TA500027]) immunofluorescent staining of HeLa cells transiently transfected by pCMV6-ENTRY HHex ([RC204815])

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US