antibodies - online.com







anti-PROX1 antibody (AA 492-520)



Images



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Quantity:	0.4 mL	
Target:	PROX1	
Binding Specificity:	AA 492-520	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PROX1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)	
Product Details		
Immunogen:	A portion of amino acids 492-520 from the human protein was used as the immunogen for this	
Immunogen:	A portion of amino acids 492-520 from the human protein was used as the immunogen for this PROX1 antibody.	
Immunogen: Isotype:		
	PROX1 antibody.	
Isotype:	PROX1 antibody. Ig Fraction	
Isotype: Purification:	PROX1 antibody. Ig Fraction	
Isotype: Purification: Target Details	PROX1 antibody. Ig Fraction Antigen affinity purified	
Isotype: Purification: Target Details Target:	PROX1 antibody. Ig Fraction Antigen affinity purified PROX1	
Isotype: Purification: Target Details Target: Alternative Name:	PROX1 antibody. Ig Fraction Antigen affinity purified PROX1 PROX1 (PROX1 Products)	

Target Details	
	regulatory protein in neurogenesis and the development of the heart, eye lens, liver, pancreas and the lymphatic system. Involved in the regulation of the circadian rhythm. Represses: transcription of the retinoid-related orphan receptor RORG, transcriptional activator activity of RORA and RORG and the expression of RORA/G-target genes including core clock components: ARNTL/BMAL1, NPAS2 and CRY1 and metabolic genes: AVPR1A and ELOVL3. [UniProt]
UniProt:	Q92786
Pathways:	Stem Cell Maintenance, Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	Titration of the PROX1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide

should be handled by trained staff only.

-20 °C

cycles.

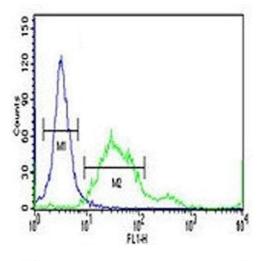
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Aliquot the PROX1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw

Precaution of Use:

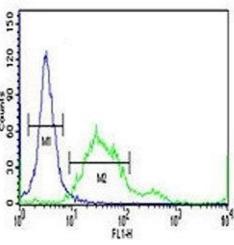
Storage Comment:

Storage:



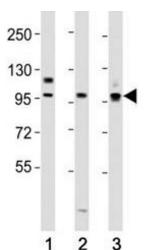
Flow Cytometry

Image 1. PROX1 antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Flow Cytometry

Image 2. PROX1 antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 3. Western blot testing of PROX1 antibody at 1:2000 dilution. Lane 1: HepG2 lysate; 2: mouse liver lysate; 3: SH-SY5Y lysate; Predicted molecular weight is 83 kDa, observed at 80-110 kDa.

Please check the product details page for more images. Overall 6 images are available for ABIN3032345.