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anti-NK2 Homeobox 5 antibody (AA 98-133)



Images



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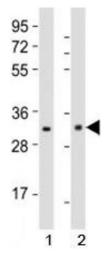
Overview		
Quantity:	0.2 mL	
Target:	NK2 Homeobox 5 (NKX2-5)	
Binding Specificity:	AA 98-133	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	This mouse Nkx2.5 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 98-133 amino acids from the Central region of the mouse protein.	
Isotype:	lg Fraction	
Purification:	Antigen affinity purified	
Target Details		
Target:	NK2 Homeobox 5 (NKX2-5)	
Alternative Name:	Nkx2.5 (NKX2-5 Products)	
Background:	Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. It is transcriptionally controlled by	

PBX1 and acts as a transcriptional repressor of CDKN2B. Together with PBX1, it is required for

Target Details

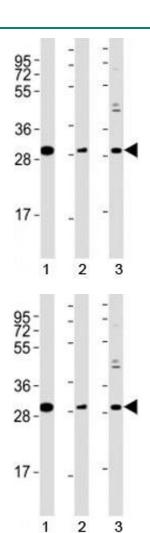
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	spleen development through a mechanism that involves CDKN2B repression.		
UniProt:	P42582		
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development		
Application Details			
Application Notes:	Titration of the Nkx2.5 antibody may be required due to differences in protocols and		
	secondary/substrate sensitivity.\. Western blot: 1:1000-2000		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Aliquot the Nkx2.5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw		
	cycles.		

Images



Western Blotting

Image 1. Western blot testing of Nkx2.5 antibody at 1:1000 dilution and mouse tissue; Lane 1: spleen lysate; 2: stomach lysate; Predicted molecular weight : 34 kDa.



Western Blotting

Image 2. Western blot testing of Nkx2.5 antibody at 1:2000 dilution and mouse tissue; Lane 1: stomach lysate; 2: spleen lysate; 3: heart lysate; Predicted molecular weight: 34 kDa.

Western Blotting

Image 3. Western blot testing of Nkx2.5 antibody at 1:2000 dilution and mouse tissue