

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NKX2-5



Numéro de catalogue: 13921-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue: 13921-1-AP	Numéro d'acquisition GenBank: BC025711	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 260 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1482	Dilutions recommandées: WB 1:500-1:3000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: NK2 transcription factor related, locus 5 (Drosophila)	
Isotype: IgG	MW calculé: 324 aa, 35 kDa	
Immunogen Catalog Number: AG4930	MW observés: 37 kDa	

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque humain,

IHC : tissu cérébral humain, tissu cardiaque de souris

Informations générales

Homeobox-containing genes play critical roles in regulating tissue-specific gene expression essential for tissue differentiation, as well as determining the temporal and spatial patterns of development [PMID: 7665173]. NKX2-5 encoded by homeobox-containing genes that implicated in commitment to and/or differentiation of the myocardial lineage, and acts as a transcriptional activator of ANF in cooperation with GATA4. During embryonic development, NKX2-5 plays pivotal roles in specifying cardiac progenitors, cardiac morphogenesis, cardiomyocyte differentiation and conduction system development [PMID: 22824467].

Publications notables

Autrice	Pubmed ID	Journal	Application
Heng Zhang	36199421	Oxid Med Cell Longev	WB
Junwei Nie	26489465	Cell Rep	WB
Guangrui Lai	33035436	Am J Physiol Heart Circ Physiol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

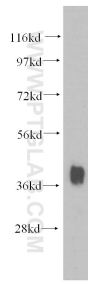
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

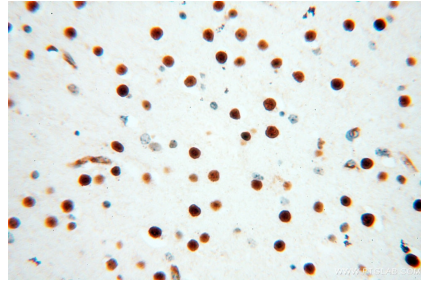
E: proteintech@ptglab.com
W: ptglab.com

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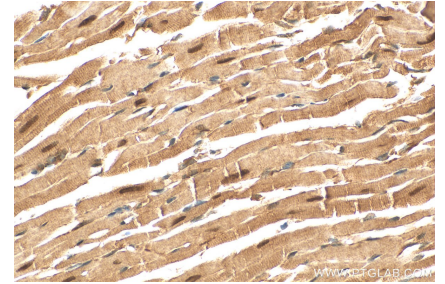
Données de validation sélectionnées



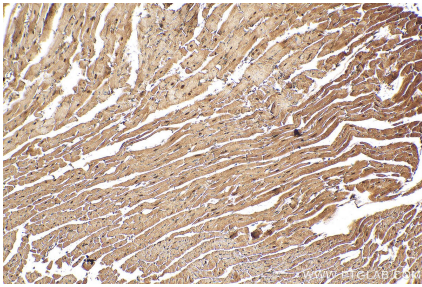
human heart tissue were subjected to SDS PAGE followed by western blot with 13921-1-AP (NKX2-5 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 13921-1-AP (NKX2-5 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13921-1-AP (NKX2-5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13921-1-AP (NKX2-5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).