

Datasheet for ABIN5027396

anti-NK2 Homeobox 5 antibody (AA 102-324)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	AA 102-324
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant NKX2-5 protein (amino acids 102-324) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	NK2 Homeobox 5 (NKX2-5)
Alternative Name:	NKX2-5 (NKX2-5 Products)
Background:	Cardiac-specific Nkx2-5 is a member of the NK2 family of homeodomain-containing transcription factors, and its expression and functions overlap with those of GATA4, GATA5, and GATA6 during cardiovascular genesis, especially in the regulation of target gene expression

Target Details

synergistically with GATA4, which justifies screening for Nkx2-5 as a prime candidate gene for idiopathic AF (Atrial Fibrillation). NKX2-5 plays an important role in heart formation and development. Moreover, NKX2-5 not only individually acts in transcriptional regulation, but also interacts with other transcription factors in the early stage of cardiac development.

Molecular Weight:	35 kDa
Gene ID:	1482
UniProt:	P52952
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 2-4 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
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:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

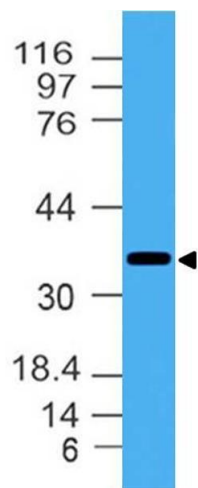


Image 1.