

Datasheet for ABIN1881425
anti-HOXA10 antibody (AA 252-281)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	HOXA10
Binding Specificity:	AA 252-281
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Hoxa10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-281 amino acids from the Central region of mouse Hoxa10.
Clone:	RB39509
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOXA10
Alternative Name:	Hoxa10 (HOXA10 Products)
Background:	In vertebrates, the genes encoding the class of transcription factors called homeobox genes

Target Details

are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of a cluster on chromosome 6 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants encoding different isoforms have been described.

Molecular Weight: 43292

NCBI Accession: [NP_001116422](#), [NP_032289](#)

UniProt: [P31310](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

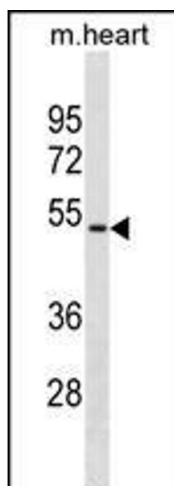
Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat model with myocardial infarction." in: **Life sciences**, Vol. 191, pp. 157-165, (2017) ([PubMed](#)).

Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents High Fat Diet-Induced Insulin Resistance in Rats." in: **Journal of diabetes research**, Vol. 2015, pp. 760535, (2016) ([PubMed](#)).



Western Blotting

Image 1. Mouse Hoxa10 Antibody (Center) (ABIN1881425 and ABIN2838365) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the Mouse Hoxa10 antibody detected the Mouse Hoxa10 protein (arrow).