



Datasheet for ABIN7155782
anti-MEIS1 antibody (AA 1-90)



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3 Images

Overview

Quantity:	100 µg
Target:	MEIS1
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEIS1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Homeobox protein Meis1 protein (1-90AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MEIS1
Alternative Name:	MEIS1 (MEIS1 Products)
Background:	Background: Acts as a transcriptional regulator of PAX6. Acts as a transcriptional activator of PF4 in complex with PBX1 or PBX2. Required for hematopoiesis, megakaryocyte lineage

Target Details

development and vascular patterning. May function as a cofactor for HOXA7 and HOXA9 in the induction of myeloid leukemias.

Aliases: Homeo box protein Meis1 antibody, Homeobox protein Meis1 antibody, Leukemogenic homolog protein antibody, MEIS 1 antibody, Meis homeo box 1 antibody, Meis homeobox 1 antibody, Meis1 antibody, Meis1 mouse homolog antibody, Meis1 myeloid ecotropic viral integration site 1 homolog antibody, Meis1 myeloid ecotropic viral integration site 1 homolog mouse antibody, MEIS1 protein antibody, MEIS1_HUMAN antibody, MGC43380 antibody, Myeloid ecotropic viral integration site 1 homolog antibody, WUGSC:H NH0444B04.1 antibody

UniProt: [O00470](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:10000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

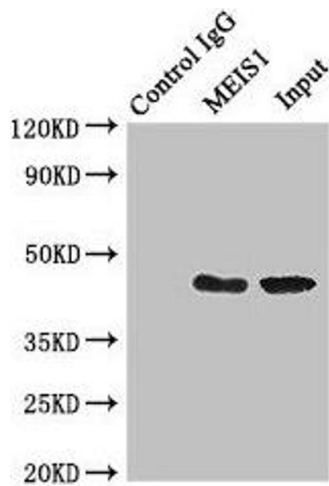
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

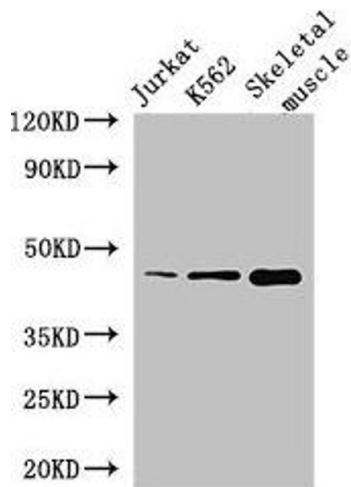
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



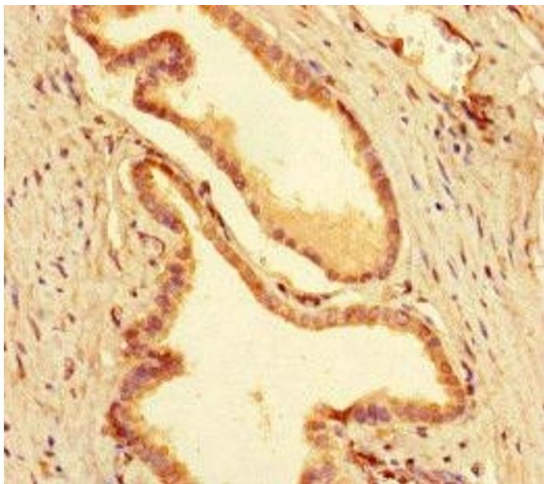
Western Blotting

Image 1. Immunoprecipitating MEIS1 in K562 whole cell lysate Lane 1: Rabbit control IgG (1 μ g) instead of ABIN7155782 in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000) Lane 2: ABIN7155782 (4 μ g) + K562 whole cell lysate (500 μ g) Lane 3: K562 whole cell lysate (20 μ g)



Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate, K562 whole cell lysate, Mouse skeletal muscle tissue All lanes: MEIS1 antibody at 2.8 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44, 51 kDa Observed band size: 44 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7155782 at dilution of 1:100