



Datasheet for ABIN7155800
anti-MEOX2 antibody (AA 94-193)



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1 Image

Overview

Quantity:	100 µg
Target:	MEOX2
Binding Specificity:	AA 94-193
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEOX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Homeobox protein MOX-2 protein (94-193AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MEOX2
Alternative Name:	MEOX2 (MEOX2 Products)
Background:	Background: Mesodermal transcription factor that plays a key role in somitogenesis and is required for sclerotome development (By similarity). Activates expression of CDKN1A and

Target Details

CDKN2A in endothelial cells, acting as a regulator of vascular cell proliferation. While it activates CDKN1A in a DNA-dependent manner, it activates CDKN2A in a DNA-independent manner (PubMed:22206000). May have a regulatory role when quiescent vascular smooth muscle cells reenter the cell cycle.

Aliases: GAX antibody, Growth arrest-specific homeobox antibody, Homeobox protein MOX 2 antibody, Homeobox protein MOX-2 antibody, meox2 antibody, MEOX2_HUMAN antibody, Mesenchyme homeobox 2 antibody, MOX2 antibody

UniProt: [P50222](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

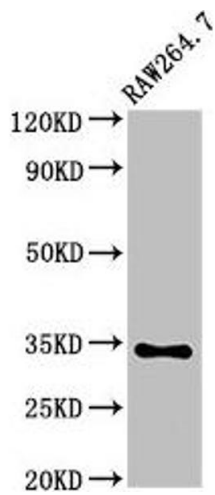
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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. Western Blot Positive WB detected in: RAW264.7 whole cell lysate All lanes: MEOX2 antibody at 5 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 34 kDa Observed band size: 34 kDa