

Datasheet for ABIN927432 **anti-SOX4 antibody (N-Term)**



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3 Images

Overview

Quantity:	100 µL
Target:	SOX4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SOX4 antibody was raised in rabbit using the N terminal of SOX4 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Cow (Bovine)
Purification:	Purified

Target Details

Target:	SOX4
Alternative Name:	SOX4 (SOX4 Products)
Background:	SOX4 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. It may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading

Target Details

to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein. Synonyms: Polyclonal SOX4 antibody, Anti-SOX4 antibody, SRY, sex determining region Y-box 4 antibody, EVI16 antibody.

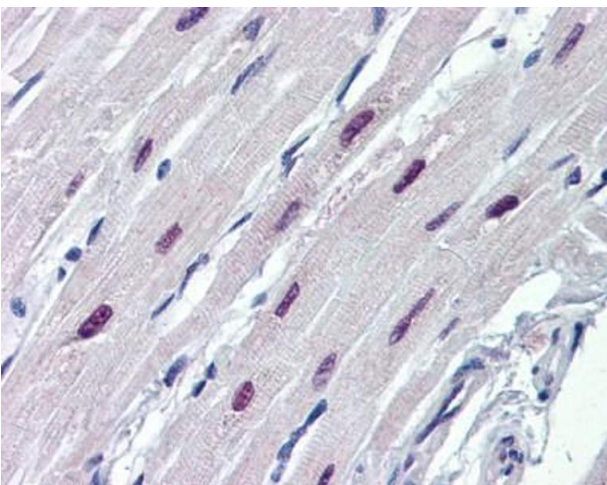
Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	SOX4 Blocking Peptide, catalog no. 33R-6600, is also available for use as a blocking control in assays to test for specificity of this SOX4 antibody
Restrictions:	For Research Use only

Handling

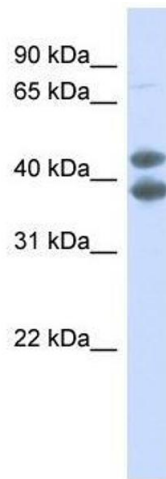
Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



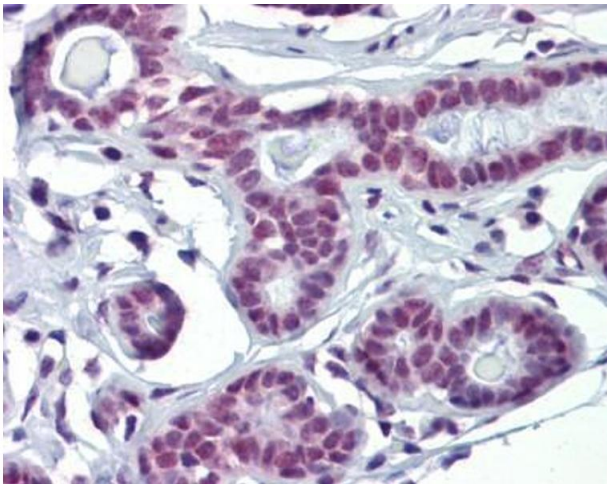
Immunohistochemistry

Image 1. SOX4 antibody was used for immunohistochemistry at a concentration of 4-8 μ g/ml. Magnification is at 400X



Western Blotting

Image 2. Western Blot showing SOX4 antibody used at a concentration of 1.0 ug/ml against Fetal Kidney Lysate



Immunohistochemistry

Image 3. SOX4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X