



Datasheet for ABIN3032745  
**anti-SOX9 antibody (AA 41-70)**



[Go to Product page](#)

6 Images

Overview

Quantity:	0.4 mL
Target:	SOX9
Binding Specificity:	AA 41-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 41-70 from the human protein was used as the immunogen for this SOX9 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Pig
Purification:	Antigen affinity purified

Target Details

Target:	SOX9
Alternative Name:	SOX9 ( <a href="#">SOX9 Products</a> )
Background:	SOX9 plays an important role in the normal skeletal development. May regulate the expression

## Target Details

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of other genes involved in chondrogenesis by acting as a transcription factor for these genes.  
[UniProt]

UniProt: [P48436](#)

Pathways: [EGFR Signaling Pathway](#), [Stem Cell Maintenance](#), [Regulation of Muscle Cell Differentiation](#),  
[Tube Formation](#), [Skeletal Muscle Fiber Development](#)

## Application Details

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Application Notes: Titration of the SOX9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

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Format: Liquid

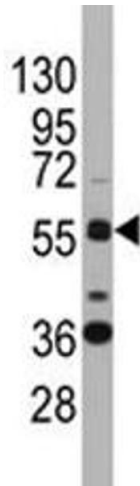
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

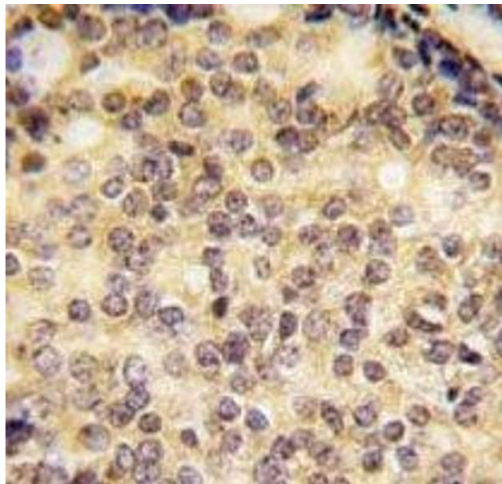
Storage: -20 °C

Storage Comment: Aliquot the SOX9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



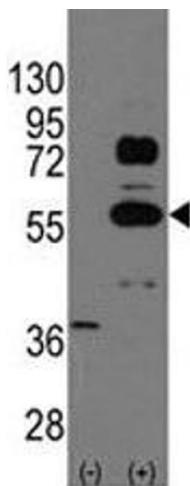
#### Western Blotting

**Image 1.** Western blot analysis of SOX9 antibody and K562 lysate.



#### Immunohistochemistry

**Image 2.** IHC analysis of FFPE human prostate carcinoma tissue stained with SOX9 antibody



#### Western Blotting

**Image 3.** Western blot analysis of SOX9 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SOX9 gene (2).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3032745.