

Datasheet for ABIN6746058  
**anti-SOX10 antibody (AA 191-240)**



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## Overview

Quantity:	100 µL
Target:	SOX10
Binding Specificity:	AA 191-240
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Synthetic peptide located between aa191-240 of human SOX10 (P56693, NP_008872). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey (100%), Galago, Marmoset, Mouse, Hamster, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig (92%), Rat, Elephant (85%), Opossum, Zebra finch (84%).  Type of Immunogen: Synthetic peptide
Specificity:	Human SOX10
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (92%) Rat (85%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	SOX10
Alternative Name:	SOX10 ( <a href="#">SOX10 Products</a> )
Background:	Name/Gene ID: SOX10 Family: Transcription factor  Synonyms: SOX10, DOM, Transcription factor SOX-10, WS4, PCWH, WS2E, SRY-related HMG-box gene 10, WS4C
Gene ID:	6663
NCBI Accession:	<a href="#">NP_008872</a>
UniProt:	<a href="#">P56693</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

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Application Notes:	Approved: IHC, IHC-P, WB (0.25 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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Product cited in: Suhr, Senut, Whitelegge, Faull, Cuizon, Gage: "Identities of sequestered proteins in aggregates from cells with induced polyglutamine expression." in: **The Journal of cell biology**, Vol. 153, Issue 2, pp. 283-94, (2001) ([PubMed](#)).

Hunt, Morimoto: "Conserved features of eukaryotic hsp70 genes revealed by comparison with the nucleotide sequence of human hsp70." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 82, Issue 19, pp. 6455-9, (1985) ([PubMed](#)).

## Images

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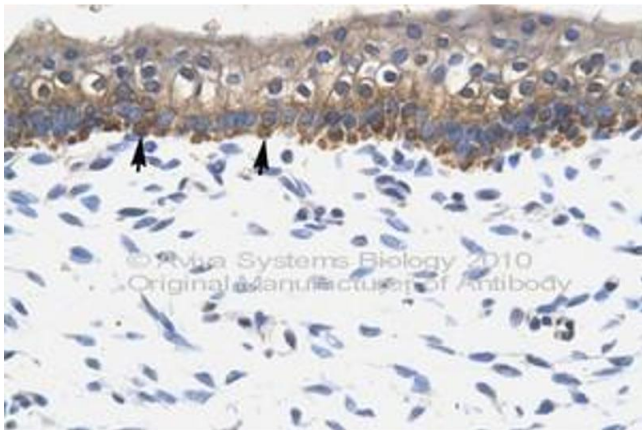


Image 1.

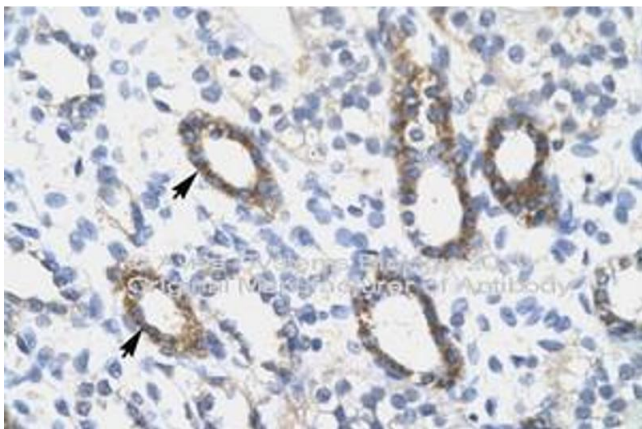


Image 2.