

Datasheet for ABIN652035
anti-SOX10 antibody (AA 231-259)



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5 Images

1 Publication

Overview

Quantity:	400 µL
Target:	SOX10
Binding Specificity:	AA 231-259
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SOX10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-259 amino acids of human SOX10.
Clone:	RB21835
Isotype:	IgG
Predicted Reactivity:	Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SOX10
Alternative Name:	SOX10 (SOX10 Products)

Target Details

Molecular Weight: 49911

Gene ID: 6663

NCBI Accession: [NP_008872](#)

UniProt: [P56693](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

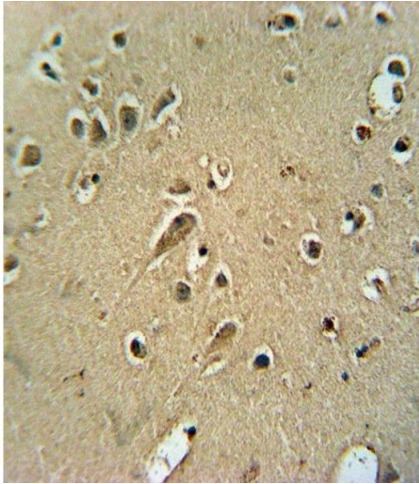
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

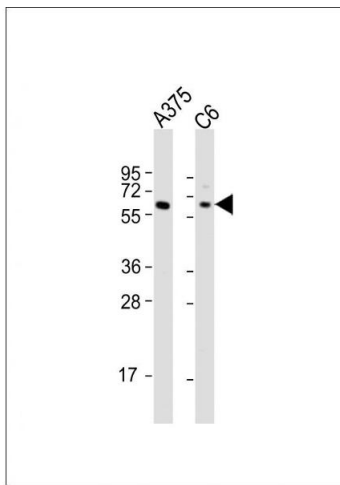
Publications

Product cited in: Li, Tsuneki, Krauthammer, Couture, Schwartz, Madri: "Modulation of Sox10, HIF-1?, Survivin, and YAP by Minocycline in the Treatment of Neurodevelopmental Handicaps following Hypoxic Insult." in: **The American journal of pathology**, (2015) ([PubMed](#)).



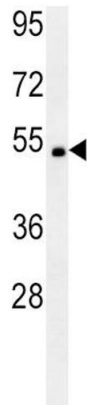
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. SOX10 Antibody (Center) (ABIN652035 and ABIN2840509) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SOX10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. All lanes : Anti-SOX10 Antibody (Center) at 1:2000 dilution Lane 1: whole cell lysates Lane 2: C6 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. SOX10 Antibody (Center) (ABIN652035 and ABIN2840509) western blot analysis in mouse heart tissue lysates (15 µg/lane). This demonstrates the SOX10 antibody detected SOX10 protein (arrow).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN652035.