

Datasheet for ABIN1590052  
**anti-SOX10 antibody (Internal Region)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µg
Target:	SOX10
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SOX10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

## Product Details

Purpose:	SOX10
Sequence:	DAKAQVKTET AGPQ
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	SOX10
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## Target Details

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Alternative Name:	SOX10 ( <a href="#">SOX10 Products</a> )
Background:	SOX10, SRY (sex determining region Y)-box 10 , DOM, MGC15649, WS4, OTTHUMP00000028515, SRY-related HMG-box gene 10, dominant megacolon, mouse, human homolog of
Gene ID:	6663
NCBI Accession:	<a href="#">NP_008872</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

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**Application Notes:** Western Blot: Approx 50 kDa band observed in Human Brain (Cerebellum) and approx. 52 kDa in Mouse Brain lysates (calculated MW of 49.9 kDa according to Human NP\_008872.1 and Mouse NP\_035567.1). Recommended concentration: 0.03-0.1 µg/mL. Primary incubation 1 Peptide ELISA: antibody detection limit dilution 1:128000.

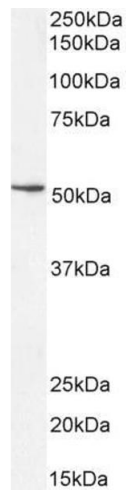
**Comment:** **Immunofluorescence:** Strong expression of the protein seen in the nucleus of KNRK cells. Recommended concentration: 10µg/ml.

**Restrictions:** For Research Use only

## Handling

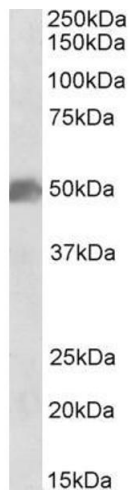
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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



#### Western Blotting

**Image 1.** ABIN1590052 (0.1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



#### Western Blotting

**Image 2.** ABIN1590052 (0.1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.