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Datasheet for ABIN1533794

## anti-SOX8/9/17/18 antibody (AA 116-165)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	SOX8/9/17/18
Binding Specificity:	AA 116-165
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX8/9/17/18 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human SOX8/9/17/18.
Isotype:	IgG
Specificity:	SOX8/9/17/18 Antibody detects endogenous levels of total SOX8/9/17/18 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

#### Target Details

Target:	SOX8/9/17/18
Alternative Name:	SOX8/9/17/18 ( <a href="#">SOX8/9/17/18 Products</a> )
Background:	Synonyms: Transcription factor SOX-8

## Target Details

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NCBI Gene Symbol: SOX9

Molecular Weight: 47 kDa

Gene ID: 30812, 6662, 64321

OMIM: 605923

UniProt: [P57073](#), [P48436](#), [Q9H6I2](#), [P35713](#)

## Application Details

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Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000

Comment: Unigene-Number: Hs.243678, Hs.707993, Hs.98367, Hs.8619 (NCBI Gene Symbol: SOX9)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

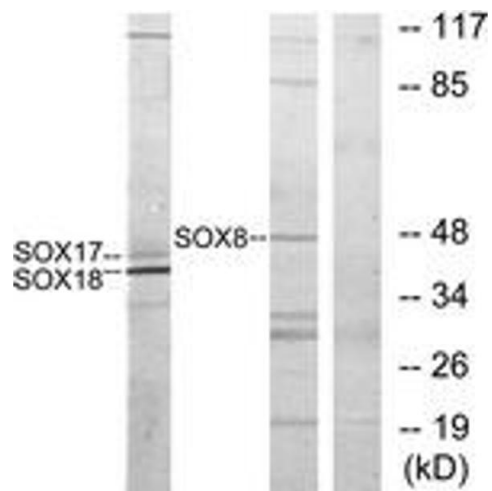
Preservative: Sodium azide

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

Storage: -20 °C

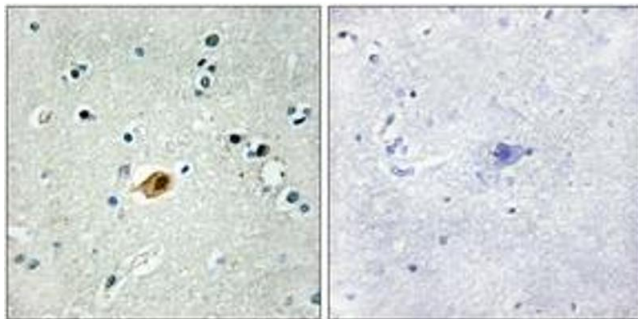
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



### Western Blotting

**Image 1.** Western blot analysis of extracts from COS7 cells, treated with serum 10% 30', using SOX8/9/17/18 Antibody. The lane on the right is treated with the synthesized peptide.



### Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human brain tissue, using SOX8/9/17/18 Antibody. The picture on the right is treated with the synthesized peptide.