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Datasheet for ABIN6980711  
**anti-SOX7 antibody (AA 42-100) (Alexa Fluor 680)**

### Overview

Quantity:	100 µL
Target:	SOX7
Binding Specificity:	AA 42-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX7 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SOX7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SOX7
Alternative Name:	SOX7 ( <a href="#">SOX7 Products</a> )

## Target Details

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Background:	<p>Synonyms: MGC10895, SOX 7, SOX 7 transcription factor, sox7, SOX7 transcription factor, SOX7_HUMAN, SRY sex determining region Y box 7, SRY box 7, SRY sex determining region Y box 7, Transcription factor SOX 7, Transcription factor Sox-7, Transcription factor SOX7.</p> <p>Background: Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal.</p>
Gene ID:	83595
UniProt:	<a href="#">Q9BT81</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

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Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months