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Datasheet for ABIN1697749

## anti-SOX7 antibody (AA 42-100) (AbBy Fluor® 555)



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Quantity:	100 μL	
Target:	SOX7	
Binding Specificity:	AA 42-100	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SOX7 antibody is conjugated to AbBy Fluor® 555	
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:	S0X7
Alternative Name:	SOX7 (SOX7 Products)

#### Target Details

Background:	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.	
	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.	
Gene ID:	83595	
UniProt:	Q9BT81	
Pathways:	Positive Regulation of Endopeptidase Activity	
Application Details		
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		
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

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months