

Datasheet for ABIN1410041
anti-SOX13 antibody (AA 401-500) (Cy5.5)



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Overview

Quantity:	100 µL
Target:	SOX13
Binding Specificity:	AA 401-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX13 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ICA12
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	SOX13
Alternative Name:	ICA12/SOX13 (SOX13 Products)
Background:	Synonyms: ICA 12, ICA12, Islet cell antibody 12, Islet cell antigen 12, MGC117216, SOX 13, SOX

Target Details

13 protein, sox13, SOX13 protein, SOX13_HUMAN, SRY Sex determining region Y-box 13, SRY box 13, SRY box containing gene 13, SRY related HMG box gene 13, SRY sex determining region Y box 13, Transcription factor SOX 13, Transcription factor Sox-13, Type 1 diabetes autoantigen, Type 1 diabetes autoantigen ICA 12, Type 1 diabetes autoantigen ICA12.

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.

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