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Datasheet for ABIN6568117

anti-SOX14 antibody

2 Images

Overview

Quantity:	200 µL
Target:	SOX14
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX14 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human SOX14
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	SOX14
Alternative Name:	SOX14 (SOX14 Products)
Background:	<p>Synonyms: HMG box transcription factor SOX 14,MGC119898,MGC119899,SOX 14,SOX 28,Sox box protein 14,SOX28,SRY (sex determining region Y) box 14 ,SRY box 14,Transcription factor SOX 14</p> <p>Background: This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the</p>

Target Details

determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. Mutations in this gene are suggested to be responsible for the limb defects associated with blepharophimosis, ptosis, epicanthus inversus syndrome (BPES) and Mobius syndrome.

Molecular Weight: Observed_MW: Refer to Figures
Calculated_MW: 26kDa

Gene ID: 8403

UniProt: [O95416](#)

Application Details

Application Notes: IHC 1:50 - 1:200 IF 1:50 - 1:200

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

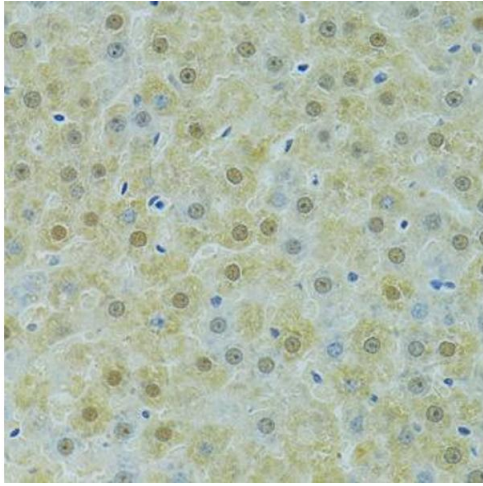
Buffer: Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

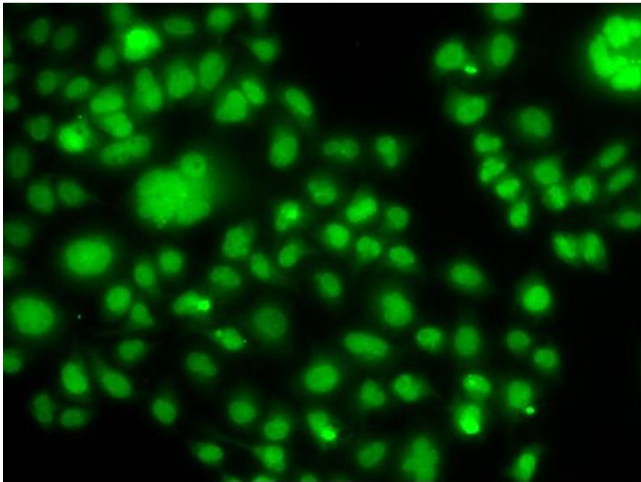
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat liver using SOX14 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF-7 cells using SOX14 antibody.