

SOX9 Recombinant antibody

Cat:B19001L

Company: HaoKebio

Uniprot ID:P48436

Applications: IHC:1:50-1:200

Organism:Rabbit

IHC-Polymer:1:200-1:800

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:1000

Molecular Weight Calculation: 56 kDa

WB:1:500-1:2000

Observed Molecular Weight: 56, 68-75 kDa

Background:

SOX9, also named as Transcription factor SOX-9, is a 509 amino acid protein. Sex-determining region Y (SRY)-box 9 protein (SOX9) is a member of the SOX family of transcription factors (TFs) which are developmental regulators that possess high mobility group (HMG) box DNA binding and transactivation domains. It participates in a variety of functions, such as lineage restriction and terminal differentiation, through precise temporal and spatial expression patterns that differ between particular cell types and tissues. SOX9 gene has been implicated in different types of cancer as an oncogene; however, it also may behave as a tumor suppressor. SOX9 can be ubiquitinated or SUMOylated to higher molecular weight.

Protein full name:

SRY (sex determining region Y)-box 9

Synonyms:

Transcription factor SOX-9, Transcription factor SOX 9, SRA1, CMPD1, CMD1

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm,Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

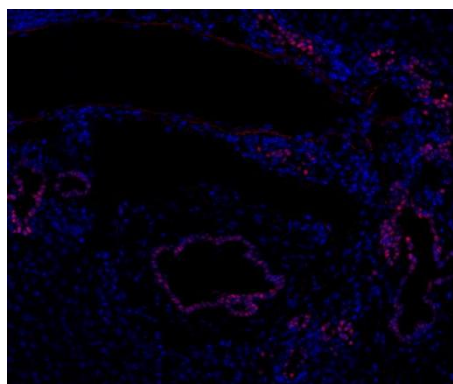
Storage:

Store at -20 °C for one year.

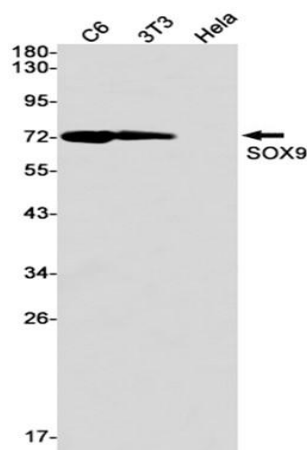
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse liver, 4% PFA 12-24h



Dilution of 1:2000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:SOX9(B19001L)由杭州
浩克生物技术有限公司提供;

发表[英文论文]请标注:SOX9(B19001L) were ki
ndly provided by Hangzhou Haoke Biotechnolog
y Co., Ltd.