

SOX2 Recombinant antibody

Cat:B32097R

Company: Haokebio

Uniprot ID:P48431

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

SOX-2 is an important transcription factor that maintains the self-renewal ability and proliferative capacity of embryonic stem cells and various tissue stem cells. It plays a crucial role in the occurrence, growth, proliferation, invasion, and metastasis of tumors. In the early stage of central nervous system development, SOX-2 is expressed in all neuroepithelium; however, after the nervous system matures, its expression is restricted only to neuroglial stem cells. When neuroglial cells undergo malignant transformation, SOX-2 is re-expressed in gliomas.

Protein full name:

SRY (sex determining region Y)-box 2

Synonyms:

ANOP3, MCOPS 3, MCOPS3, SOX 2, Transcription factor SOX 2

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

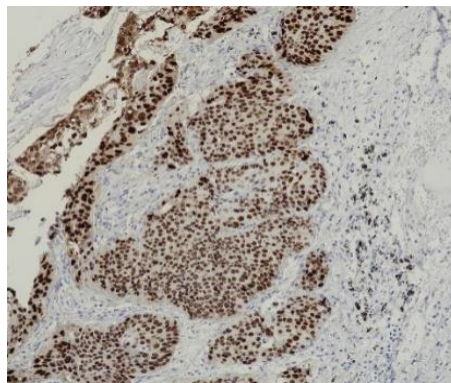
Storage:

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: Human Squamous cell carcinoma of lung tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:SOX2(B32097R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:SOX2(B32097R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.