

SOX10 Recombinant antibody

Cat:B32016R
Company: Haokebio

Uniprot ID:P56693

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

SOX-10 is a member of the SRY-related HMG-box (SOX) family of transcription factors, involved in the regulation of embryonic development and the determination of cell fate. During development, SOX-10 first appears during the formation of the neural crest and continues to be expressed in Schwann cells. SOX-10 is important for the differentiation, maturation, and maintenance of Schwann cells and melanocytes. In normal tissues, SOX-10 is expressed in Schwann cells and glial cells in the nervous system. It is also expressed in melanocytes and epithelial cells of the salivary glands and mammary glands. In tumor tissues, SOX-10 labels melanomas and tumors of neural crest origin. In melanoma cells and neuroblastomas, SOX-10 is more specific than the S100 protein and exhibits greater sensitivity in some studies.

Protein full name:

SRY (sex determining region Y)-box 10

Synonyms:

DOM, PCWH, SRY-box transcription factor 9, Transcription factor SOX 10, Transcription factor SOX-10

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.

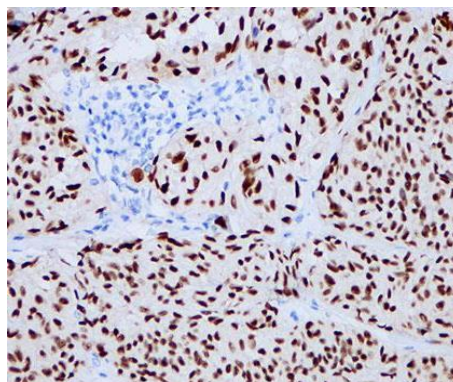
Storage:

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 melanoma tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:SOX10(B32016R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.