

SOX11 Recombinant antibody

Cat:B32059R
Company: Haokebio

Uniprot ID: P35716

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

TSA:1:500-1:1000

Background:

SOX-11 is a nuclear transcription factor localized to chromosome 2p25.3, and it is primarily associated with embryonic neural development. It mainly consists of two functional domains: an HMG DNA-binding domain located at the N-terminus of the protein, and a transactivation domain located at the C-terminus. The expression of SOX-11 is crucial for embryonic nervous system development and tissue remodeling. It is normally expressed during the development of the human embryonic nervous system and is essential for neurite outgrowth and the survival of neurons. In fetal tissues at 18–25 weeks of gestation, SOX-11 is mainly expressed in the brain. Outside the central nervous system, SOX-11 is primarily expressed at the junction of epithelial and mesothelial tissues. SOX-11 is not expressed in normal adult tissues. However, it is overexpressed in most cases of mantle cell lymphoma (MCL), including the rare cyclin D1-negative cases. Currently, SOX-11 is primarily used to identify mantle cell lymphoma.

Protein full name:

SRY (sex determining region Y)-box 11

Synonyms:

SOX11, Transcription factor SOX 11

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.

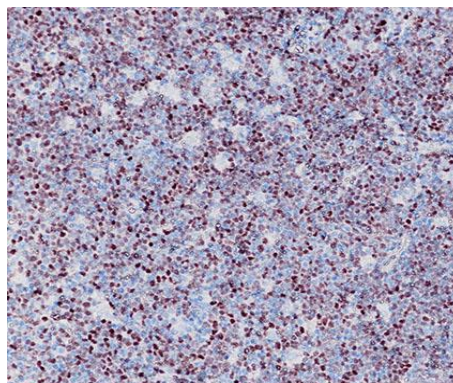
Storage:

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 lymphoma tissue, 4% PFA 12-24h

Source of Reagents:

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