

STAT6 Recombinant antibody

Cat:B32140R
Company: Haokebio

Uniprot ID:P42226

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Signal Transducer and Activator of Transcription 6 (STAT6) is a member of the Signal Transducer and Activator of Transcription (STAT) family. It has been found to form recurrent fusions with NAB2 on chromosome 12q13 in most solitary fibrous tumors. Inactive STAT6 exists as a dimer in the cytoplasm. The fusion of STAT6 and NAB2 causes cytoplasmic STAT6 to translocate to the nucleus, thereby enabling immunohistochemical detection. NAB2-STAT6 fusion transcripts are expressed in most solitary fibrous tumors, but not in meningiomas, hemangioblastomas, schwannomas, or hemangiomas. This makes STAT6 a useful marker for distinguishing solitary fibrous tumors from other morphologically similar tumors.

Protein full name:

signal transducer and activator of transcription 6, interleukin-4 induced

Synonyms:

4F19, IL-4 Stat, Signal transducer and activator of transcription 6, STAT 6, STAT6B

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm,Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

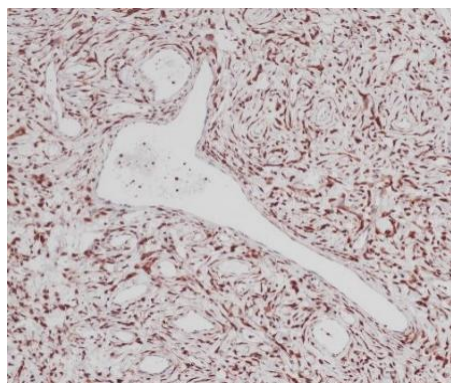
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

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: Human fibrous tumor tissue, 4% PFA 12-24h

Source of Reagents:

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