

S100 beta Recombinant antibody

Cat:B19002L

Company: HaoKebio

Uniprot ID:P50114

Applications: IHC:1:500-1:4000

Organism:Rabbit

IHC-Polymer:1:2000-1:16000

Species reactivity:Mouse Rat

IHC-TSA:1:2500-1:20000

IF:1:50-1:200

Background:

S100B is glial-specific and is expressed primarily by astrocytes, but not all astrocytes express S100B. It has been shown that S100B is only expressed by a subtype of mature astrocytes that ensheath blood vessels and by NG2-expressing cells. This protein may function in neurite extension, proliferation of melanoma cells, stimulation of Ca²⁺ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and in inhibition of microtubule assembly.

Synonyms:

NEF, S-100 protein beta chain, S-100 protein subunit beta, S100, S100 Beta, S100 calcium binding protein B, S100B, S100beta, S100-B, S100β

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.

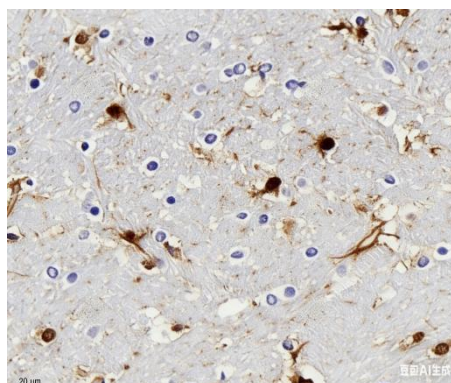
Storage:

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 brain, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:S100 beta(B19002L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.