

Olig2 Recombinant antibody

Cat:B32133R

Company: Haokebio

Uniprot ID:Q13516

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Olig2 is a basic helix-loop-helix (bHLH) transcription factor. It is expressed in normal oligodendrocytes and neoplastic oligodendrocytes, and when used in combination with other antibodies, it can also be relatively widely expressed in astrocytic tumors. Olig2 is not expressed in non-glial tumors including neuroepithelial tumors, ependymomas, subependymomas, and medulloblastomas, nor in non-neuroepithelial tumors such as central nervous system (CNS) lymphomas, meningiomas, and schwannomas. This antibody is used for the differential diagnosis of oligodendrogliomas, astrocytomas (gliomas) from central neurocytomas and ependymal tumors.

Protein full name:

oligodendrocyte lineage transcription factor 2

Synonyms:

5O7, bHLHb1, bHLHe19, Class B basic helix-loop-helix protein 1, Class E basic helix-loop-helix protein 19

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.

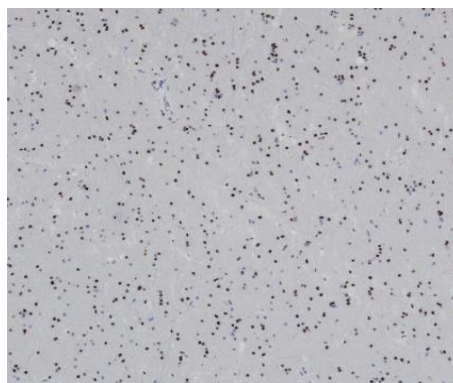
Storage:

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 brain tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Olig2(B32133R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Olig2(B32133R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.