

IDH1 Recombinant antibody

Cat:B36311S

Company: HaoKebio

Uniprot ID:O75874

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 414 aa, 47 kDa

WB:1:5000-1:50000

Observed Molecular Weight: 46 kDa

FC:1:200-1:600

Background:

IDH1, also named as PICD and IDP, belongs to the isocitrate and isopropylmalate dehydrogenase family. It is a common feature of a major subset of primary human brain cancers. It can form a homodimer(PMID:15173171). IDH1 mutation is always heterozygotic and IDH1 functions as a dimer, theoretically there will be 25% each wild type and mutant homo-dimers and 50% hetero-dimers present in the tumor cells(PMID:21079649).

Synonyms:

6L18, Cytosolic NADP-isocitrate dehydrogenase, EC:1.1.1.42, IDCD, IDH

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

Storage:

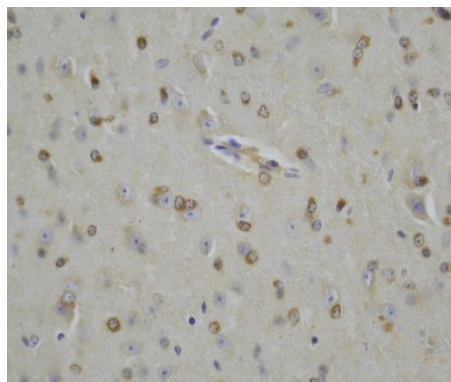
Store at -20 °C for one year.

Experimental procedure:

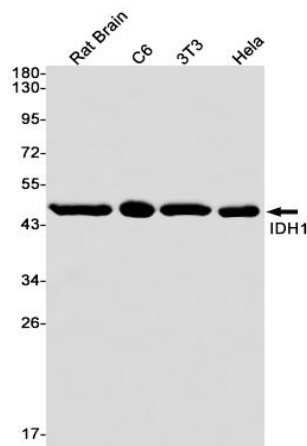
Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium

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



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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发表[英文论文]请标注:IDH1(B36311S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.