

# 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

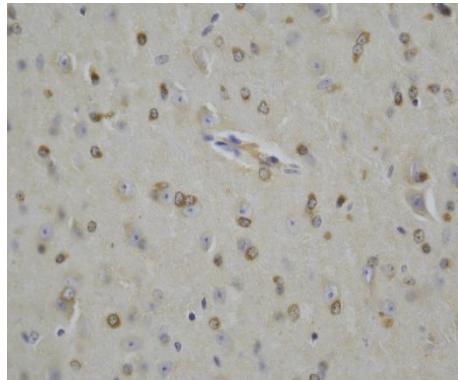
**Observed Molecular Weight:** 46 kDa

FC:1:200-1:600

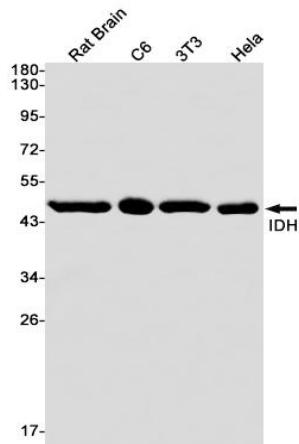
**Background:**

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 ).

dium 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:**

发表[中文论文]请标注:IDH1(B36311S)由杭州浩克生物技术有限公司提供;

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

**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, me