

## SDHB Recombinant antibody

**Cat:**B35051D

**Company:** HaoKebio

**Uniprot ID:**P21912

**Applications:** IHC:1:200-1:2000

**Organism:**Rabbit

IHC-Polymer:1:800-1:8000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1000-1:10000

**Molecular Weight Calculation:** 32 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 32 kDa

WB:1:5000-1:50000

### Background:

Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. The iron-sulfur subunit is highly conserved and contains three cysteine-rich clusters which may comprise the iron-sulfur centers of the enzyme. Sporadic and familial mutations in this gene result in paragangliomas and pheochromocytoma, and support a link between mitochondrial dysfunction and tumorigenesis.

### Protein full name:

Succinate Dehydrogenase Subunit B

### Synonyms:

IP; SDH; CWS2; PGL4; SDH1; SDH2; SDHIP

### 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.

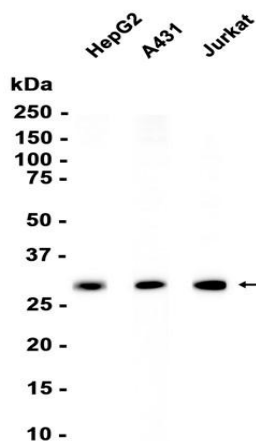
### Storage:

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:



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

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发表[英文论文]请标注:SDHB(B35051D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.