

SDHD

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 17kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SDHD

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PGL; CBT1; CWS3; PGL1; QPs3; SDH4; cybS; CII-4;

Catalog #: A1788

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6392

Isotype: IgG

Swiss Prot: O14521

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of complex II of the respiratory chain, which is responsible for the oxidation of succinate. The encoded protein is one of two integral membrane proteins anchoring the complex to the matrix side of the mitochondrial inner membrane. Mutations in this gene are associated with the formation of tumors, including hereditary paraganglioma. Transmission of disease occurs almost exclusively through the paternal allele, suggesting that this locus may be maternally imprinted. There are pseudogenes for this gene on chromosomes 1, 2, 3, 7, and 18. Alternative splicing results in multiple transcript variants.

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