

Anti-SDHC Antibody Picoband®

Catalog Number: PA1839

About SDHC

SDHC (succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa) also known as SDH3, SUCCINATE DEHYDROGENASE CYTOCHROME b. The SDHC gene contains 6 exons. Oostveen et al. (1995) found that in fact it was protein from the bovine SDH3 gene (encoding 1 of the 2 integral membrane proteins) that complemented the hamster mutation. The authors localized the human SDH3 gene to the short arm of chromosome one, within 1 to 2 Mb from the centromere. Additionally, the authors stated that Southern analyses of human genomic DNA suggested that there are multiple SDH3 genes or pseudogenes. Elbehti-Green et al. (1998) confirmed the assignment of the SDHC gene to 1q21 by FISH. Baysal et al. (2004) described a family with PGL3 in which an 8,372-bp deletion in the SDHC gene was transmitted both maternally and paternally, without evidence of genomic imprinting.

Overview

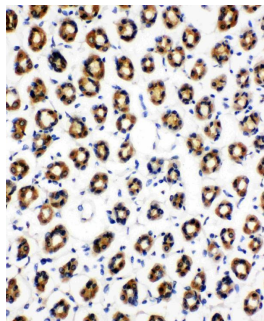
| | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-SDHC Antibody Picoband® |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-SDHC Antibody catalog # PA1839. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q99643 |

Technical Details

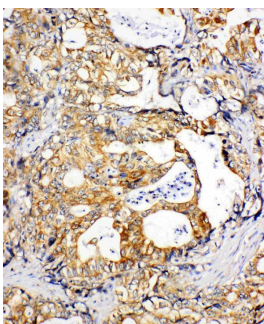
| | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen | A synthetic peptide corresponding to a sequence at the N-terminus of human SDHC, different from the related mouse and rat sequences by three amino acids. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western |

| | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| | blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P). |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Rat, Mouse Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat |

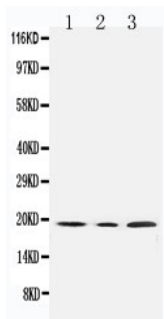
Anti-SDHC Antibody Picoband® (PA1839) Images



Anti-SDHC antibody, PA1839, IHC(P)IHC(P): Rat Gastric Tissue



Anti-SDHC antibody, PA1839, IHC(P)IHC(P): Human Gastric Cancer Tissue



Anti-SDHC antibody, PA1839, Western blotting All lanes: Anti SDHC (PA1839) at 0.5ug/ml Lane 1: Rat Liver Tissue Lysate at 50ug Lane 2: Mouse Liver Tissue Lysate at 50ug Lane 3: HELA Whole Cell Lysate at 40ug Predicted bind size: 19KD Observed bind size: 19KD

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-SDHC Antibody

For Research Use Only. Not for use in diagnostic procedures.