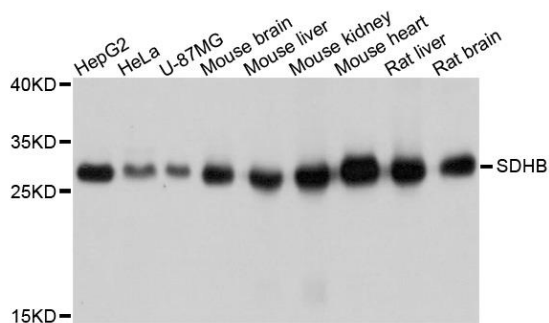
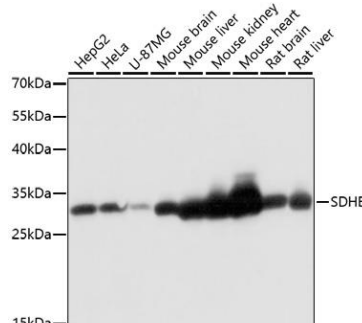


Product name: SDHB
Cat number: AB-83825
Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rb
Isotype: IgG
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 29-280 of human SDHB.
Reactivity: Hu, Ms, Rt
Applications: Western Blot: 1:500-1:1000 Immunohistochemistry: 1:50
Molecular Weight: 32kDa
Purification: Aff. Pur
Form: Liquid
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage: Store at -20°C. Avoid freeze / thaw cycles.

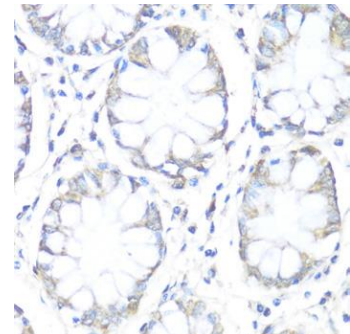
Background: Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. The iron-sulfur subunit is highly conserved 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.



Western blot analysis of extracts of various cell lines, using SDHB antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cells, using SDHB antibody at 1:1000 dilution ratio through one-step method. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:4000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry of paraffin Embedded human colon using SDHB antibody at dilution of 1:100 (40x lens).