

## Rabbit anti-Human SDHA Polyclonal Antibody | anti-SDHA antibody

SDHA Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA174055</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

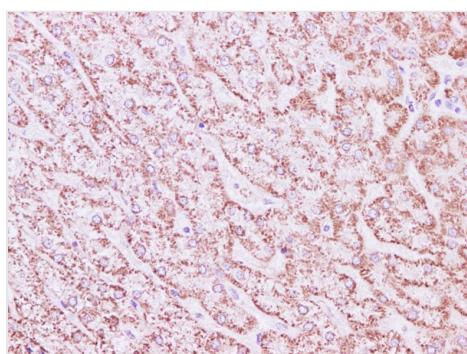
### PRODUCT SYNONYMS

SDHA; Polyclonal Antibody; SDHA Polyclonal Antibody; CMD1GG; DHSA\_HUMAN; Flavoprotein subunit of complex II; Fp; PGL5; SDH 2; SDH1; SDHF; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; anti-SDHA antibody

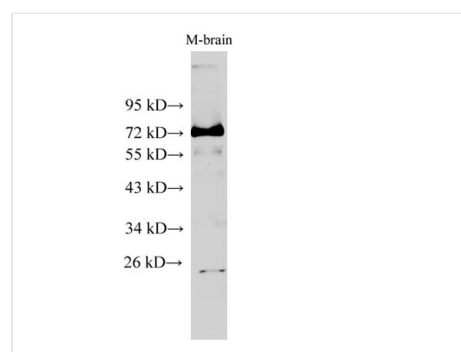
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                             |
| Reactivity                                     | Human                                                                                              |
| Clonality                                      | Polyclonal                                                                                         |
| Isotype                                        | IgG                                                                                                |
| Purity/Purification                            | Affinity Purification                                                                              |
| Form/Format                                    | PBS with 0.05% Proclin300, 50% glycerol, pH7.3.                                                    |
| Concentration                                  | 2 mg/mL (varies by lot)                                                                            |
| Sequence Length                                | 616                                                                                                |
| Applicable Applications for anti-SDHA antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                      |
| Immunogen                                      | Recombinant Human Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial protien |
| Conjugation                                    | Unconjugated                                                                                       |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                                                   |

### IMAGES


**IHC (Immunohiostchemistry)**

Immunohistochemistry of paraffin-embedded Human liver tissue using SDHA Polyclonal Antibody at dilution of 1:200


**WB (Western Blot)**

Western Blot analysis of Mouse brain tissue using SDHA Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SDHA antibody | This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29. |
| Product Categories/Family for anti-SDHA antibody   | Cancer; Cell Biology; Metabolism; Signal Transduction; Tags & Cell Markers                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 661567360                                                                |
| NCBI GeneID                      | 6389                                                                     |
| NCBI Accession #                 | NP_001281261.1                                                           |
| NCBI GenBank Nucleotide #        | NM_001294332.1                                                           |
| UniProt Accession #              | P31040; Q16395; Q59GW8; Q8IW48; Q9UMY5; A8K5J6; B4DJ60; E9PBJ5           |
| Molecular Weight                 | Calculated: 72 kDa<br>Observed: 72 kDa                                   |
| NCBI Official Full Name          | succinate dehydrogenase                                                  |
| NCBI Official Synonym Full Names | succinate dehydrogenase complex flavoprotein subunit A                   |
| NCBI Official Symbol             | SDHA                                                                     |
| NCBI Official Synonym Symbols    | FP; PGL5; SDH1; SDH2; SDHF; CMD1GG                                       |
| NCBI Protein Information         | succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |
| UniProt Protein Name             | Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |
| UniProt Gene Name                | SDHA                                                                     |
| UniProt Synonym Gene Names       | SDH2; SDHF; Fp                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sdha-antibody-immunohistochemistry-western-blot-elisa/174055>