

Product Datasheet

SDHB Antibody (SDHB/2126) [Alexa Fluor® 700] NBP3-08809AF700

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08809AF700

SDHB Antibody (SDHB/2126) [Alexa Fluor® 700]

| Product Information | |
|--------------------------------|--|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | SDHB/2126 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 700 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 6390 |
| Gene Symbol | SDHB |
| Species | Human |
| Reactivity Notes | Others not known. |
| Marker | Pheochromocytoma Marker |
| Specificity/Sensitivity | Succinate dehydrogenase (SDH) is Complex II in the mitochondria, vital for mitochondrial electron transport, as well as Krebs cycle function. Four subunits comprise the SDH protein complex: a flavochrome subunit (SDHA), an iron-sulfur protein (SDHB) and two membrane-bound subunits (SDHC and SDHD) anchored to the inner mitochondrial membrane. The SDH complex functions as a tumor suppressor. Loss of any subunit proteins lead to destabilization of the complex and tumor formation. Antibody to SDHB is helpful in the identification of pheochromocytomas, paragangliomas and GIST. |
| Immunogen | Recombinant human SDHB fragment around aa 165-273 (Exact sequence is proprietary) (Uniprot: P21912) |

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| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP3-08809AF700

| | |
|---------------|---|
| IC002N | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 700] |
| NBP2-52920PEP | SDHB Recombinant Protein Antigen |
| NBL1-15766 | SDHB Overexpression Lysate |
| AF482 | Ret Antibody [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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