

Product datasheet

Anti-SDHAF1 antibody - C-terminal ab219764

2 Images

Overview

Product name	Anti-SDHAF1 antibody - C-terminal
Description	Goat polyclonal to SDHAF1 - C-terminal
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Monkey, Gorilla, Common marmoset 
Immunogen	Synthetic peptide corresponding to Human SDHAF1 aa 102-115 (C terminal) (Cysteine residue). (NP_001036096.1). Sequence: HDSTGAPETRPDGR Database link: A6NFY7  Run BLAST with  Run BLAST with
Positive control	Human Cerebellum lysate; human placenta tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab219764** in the following tested applications.

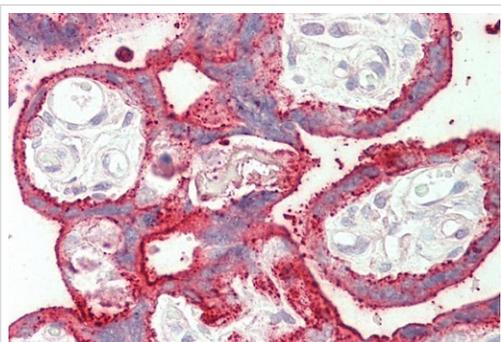
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.3 - 1 µg/ml. Predicted molecular weight: 13 kDa.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

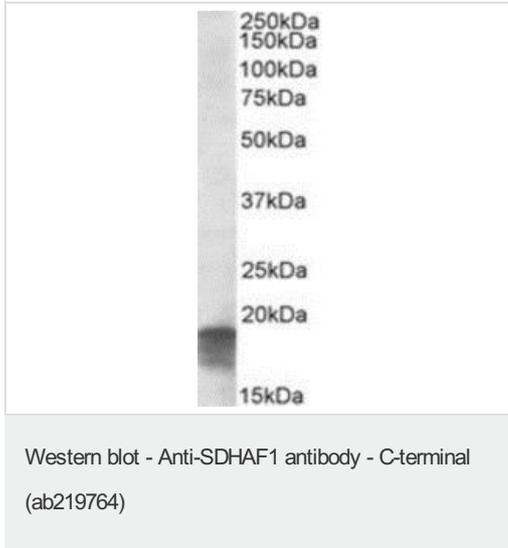
Function	Plays an essential role in succinate dehydrogenase complex (SDH) assembly, a complex involved in complex II of the mitochondrial electron transport chain. Probably acts by participating in mitochondrial biosynthesis of iron-sulfur centers for complex II.
Tissue specificity	Ubiquitously expressed.
Pathway	Cofactor biosynthesis; iron-sulfur cluster biosynthesis.
Involvement in disease	Mitochondrial complex II deficiency
Sequence similarities	Belongs to the complex I LYR family. SDHAF1 subfamily.
Cellular localization	Mitochondrion matrix.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human placenta tissue labeling SDHAF1 with ab219764 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SDHAF1 antibody - C-terminal (ab219764)



Anti-SDHAF1 antibody - C-terminal (ab219764) at 0.3 µg/ml +
Human Cerebellum lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 13 kDa

Primary antibody incubation was 1 hour.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors