



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Exalpha Biologicals inc.

exalpha.com/product/sheep-anti-cytochrome-c

Sheep anti-Cytochrome C

Catalogue number:

A195P

Clone	Polyclonal
Product Type	Primary Antibodies
Units	200 µl
Host	Sheep
Species reactivity	Dog Human Rabbit Rat
Application	Immunohistochemistry Immunoprecipitation Western Blot

Background

Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain. Plays a role in apoptosis. Suppression of the anti-apoptotic members or activation of the pro-apoptotic members of the Bcl-2 family leads to altered mitochondrial membrane permeability resulting in release of cytochrome c into the cytosol. Binding of cytochrome c to Apaf-1 triggers the activation of caspase-9, which then accelerates apoptosis by activating other caspases. Defects in CYCS are the cause of thrombocytopenia type 4 (THC4) also known as autosomal dominant thrombocytopenia type 4. Thrombocytopenia is the presence of relatively few platelets in

blood. THC4 is a non-syndromic form of thrombocytopenia. Clinical manifestations of thrombocytopenia are absent or mild. THC4 may be caused by dysregulated platelet formation.

Source

Immunogen: Full length recombinant Cytochrome

Product

Purification Method: Whole Antiserum, no purification

Applications

Western Blot | Immunoprecipitation | Immunohistochemistry

Positive Control: Rat1 cell line; Mitochondrion matrix

Storage

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

Protein Reference(s)

Database Name: UniProt

Accession number: P00011 (Canine), P00008 (Rabbit), P62898 (Rat), P9

Species Accession: Human, Rat