

## Product datasheet

# Anti-Cytochrome C antibody ab49879

2 References 画像数 1

### 製品の概要

製品名	Anti-Cytochrome C antibody
製品の詳細	Sheep polyclonal to Cytochrome C
アプリケーション	適用あり: WB, IHC-P, ICC/IF
種交差性	交差種: Rat, Rabbit, Dog, Human
免疫原	Full length native protein (purified) (Rabbit) conjugated to KLH
ポジティブ・コントロール	Human heart tissue, whole extracts of MCF 7, Jurkat, Rat 1, and MDCK cells.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 15mM Sodium Azide Constituents: 1% BSA, 0.01M PBS, pH 7.4
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab49879** in the following tested applications.

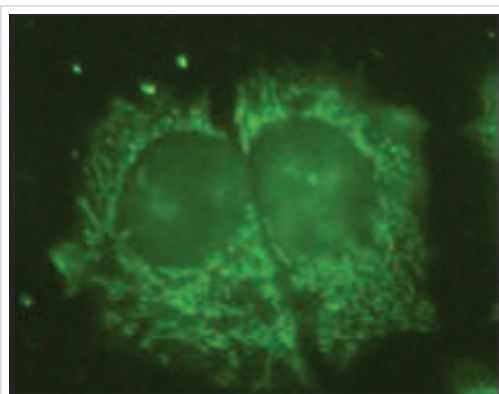
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 11 kDa.
IHC-P		Use a concentration of 20 - 40 µg/ml.
ICC/IF		Use a concentration of 5 - 10 µg/ml.

### ターゲット情報

<b>機能</b>	<p>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.</p> <p>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.</p>
<b>関連疾患</b>	<p>Defects in CYCS are the cause of thrombocytopenia type 4 (THC4) [MIM:612004]; 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.</p>
<b>配列類似性</b>	<p>Belongs to the cytochrome c family.</p>
<b>翻訳後修飾</b>	<p>Binds 1 heme group per subunit.</p>
<b>細胞内局在</b>	<p>Mitochondrion matrix.</p>

## 画像



ab49879 at 5 µg/ml staining Human MCF-7 cells. Cells were fixed and permeabilized with 3% paraformaldehyde followed by 0.5% TritonX-100 and visualised with Rabbit anti-Sheep IgG, FITC conjugate.

Immunocytochemistry/ Immunofluorescence -  
Cytochrome C antibody (ab49879)

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