


# Anti-ADCK3 antibody ab230897

**1 References** [画像数 3](#)

### 製品の概要

製品名	Anti-ADCK3 antibody
製品の詳細	Rabbit polyclonal to ADCK3
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat, Cow 
免疫原	Synthetic peptide corresponding to Human ADCK3 (internal sequence) conjugated to keyhole limpet haemocyanin. Database link: <a href="#">Q8NI60</a>
ポジティブ・コントロール	WB: HeLa and U-251 MG whole cell lysates. IHC-P: Human thymus tissue. ICC/IF: HeLa cells.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.01% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
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

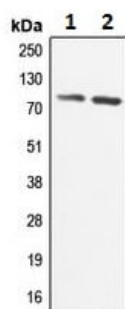
The Abpromise guarantee      Abpromise保証は、 次のテスト済みアプリケーションにおけるab230897の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/100.
WB		1/500 - 1/1000. Predicted molecular weight: 72 kDa.
ICC/IF		1/100 - 1/500.

## ターゲット情報

機能	May be a chaperone-like protein essential for the proper conformation and functioning of protein complexes in the respiratory chain.
組織特異性	Ubiquitously expressed with a relatively greater abundance in heart and skeletal muscle.
関連疾患	<p>Defects in ADCK3 are a cause of coenzyme Q10 deficiency (CoQ10 deficiency) [MIM:607426]. CoQ10 deficiency is an autosomal recessive disorder with variable manifestations. It can be associated with three main clinical phenotypes: a predominantly myopathic form with central nervous system involvement, an infantile encephalomyopathy with renal dysfunction and an ataxic form with cerebellar atrophy.</p> <p>Defects in ADCK3 are the cause of spinocerebellar ataxia autosomal recessive type 9 (SCAR9) [MIM:612016]; also known as autosomal recessive cerebellar ataxia type 2 (ARCA2).</p> <p>Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCAR9 is an autosomal recessive form characterized by gait ataxia and cerebellar atrophy with slow progression and few associated features. Patients can manifest brisk tendon reflexes and Hoffmann sign, mild psychomotor retardation, mild axonal degeneration of the sural nerve, exercise intolerance and elevated serum lactate.</p>
配列類似性	<p>Belongs to the protein kinase superfamily. ADCK protein kinase family.</p> <p>Contains 1 protein kinase domain.</p>
細胞内局在	Mitochondrion.

## 画像



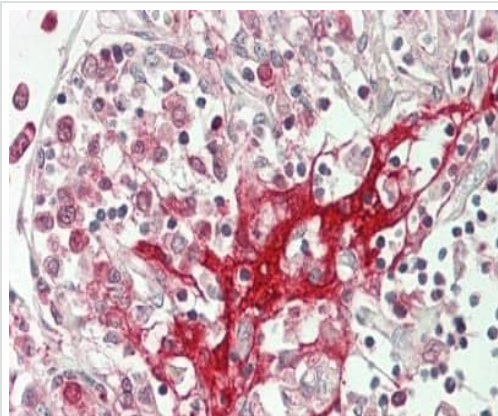
Western blot - Anti-ADCK3 antibody (ab230897)

**All lanes :** Anti-ADCK3 antibody (ab230897) at 1/500 dilution

**Lane 1 :** HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

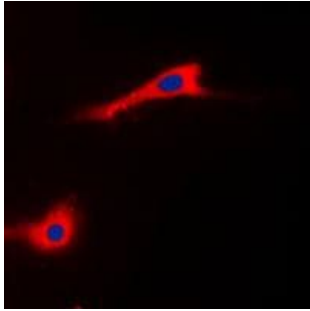
**Lane 2 :** U-251 MG (Human brain glioma cell line) whole cell lysate

**Predicted band size:** 72 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ADCK3 antibody (ab230897)

Formalin-fixed, paraffin-embedded human thymus tissue stained for ADCK3 using ab230897 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-ADCK3 antibody (ab230897)

Formalin-fixed, 0.1% Triton X-100 permeabilized HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for ADCK3 (red) using ab230897 at 1/100 dilution followed by DyLight 594-conjugated secondary antibody in ICC/IF.

The nuclear counter stain is DAPI (blue).

**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.co.jp/abpromise> or contact our technical team.

### Terms and conditions

---

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