


Anti-ADCK3 antibody ab230897

1 References **3 图像**

概述

产品名称	Anti-ADCK3抗体
描述	兔多克隆抗体to ADCK3
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow 
免疫原	Synthetic peptide corresponding to Human ADCK3 (internal sequence) conjugated to keyhole limpet haemocyanin. Database link: Q8NI60
阳性对照	WB: HeLa and U-251 MG whole cell lysates. IHC-P: Human thymus tissue. ICC/IF: HeLa cells.
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.30 Preservative: 0.01% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab230897于以下的经测试应用

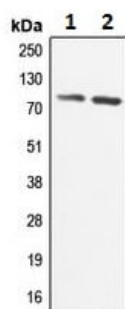
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100.
WB		1/500 - 1/1000. Predicted molecular weight: 72 kDa.
ICC/IF		1/100 - 1/500.

靶标

功能	May be a chaperone-like protein essential for the proper conformation and functioning of protein complexes in the respiratory chain.
组织特异性	Ubiquitously expressed with a relatively greater abundance in heart and skeletal muscle.
疾病相关	<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>
序列相似性	<p>Belongs to the protein kinase superfamily. ADCK protein kinase family.</p> <p>Contains 1 protein kinase domain.</p>
细胞定位	Mitochondrion.

图片



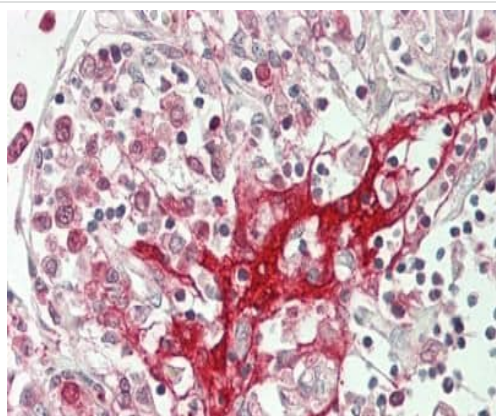
Western blot - Anti-ADCK3 antibody (ab230897)

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

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

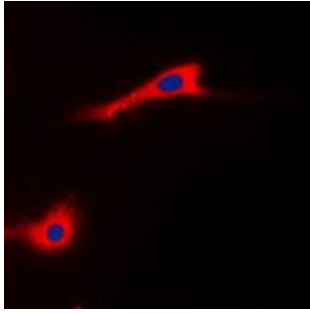
Lane 2 : U-251 MG (Human brain glioma cell line) whole cell lysate

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).

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