


Anti-ORC4L antibody ab9641

11 References **4 图像**

概述

产品名称	Anti-ORC4L 抗体
描述	山羊多克隆抗体 to ORC4L
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow, Dog 
免疫原	Synthetic peptide corresponding to Human ORC4L aa 400-500 (C terminal). (NP_001177810.1; NP_001177811.1) Database link: NP_002543.2

 [Run BLAST with](#)

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常规说明

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.

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

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9641于以下的经测试应用

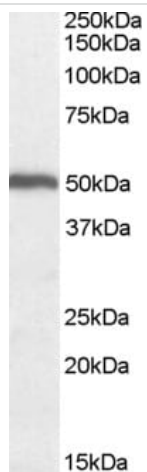
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa). 1 hour primary incubation is recommended for this product.

靶标

功能	Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent, however specific DNA sequences that define origins of replication have not been identified so far. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication.
疾病相关	Defects in ORC4 are the cause of Meier-Gorlin syndrome type 2 (MGORS2) [MIM:613800]. MGORS2 is a syndrome characterized by bilateral microtia, aplasia/hypoplasia of the patellae, and severe intrauterine and postnatal growth retardation with short stature and poor weight gain. Additional clinical findings include anomalies of cranial sutures, microcephaly, apparently low-set and simple ears, microstomia, full lips, highly arched or cleft palate, micrognathia, genitourinary tract anomalies, and various skeletal anomalies. While almost all cases have primordial dwarfism with substantial prenatal and postnatal growth retardation, not all cases have microcephaly, and microtia and absent/hypoplastic patella are absent in some. Despite the presence of microcephaly, intellect is usually normal.
序列相似性	Belongs to the ORC4 family.
细胞定位	Nucleus.

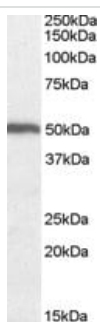
图片



Western blot - Anti-ORC4L antibody - ChIP Grade
(ab9641)

Anti-ORC4L antibody (ab9641) at 0.5 µg/ml + Mouse heart lysate at 35 µg

Predicted band size: 50 kDa



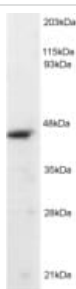
Western blot - Anti-ORC4L antibody - ChIP Grade
(ab9641)

Anti-ORC4L antibody (ab9641) at 0.5 µg/ml + Rat Heart lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

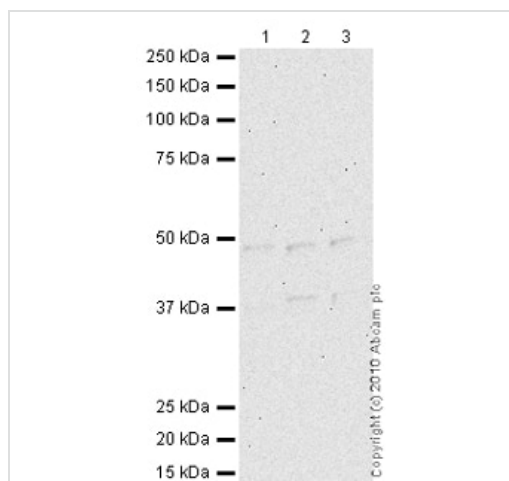
Predicted band size: 50 kDa

Observed band size: 50 kDa



Western blot - Anti-ORC4L antibody - ChIP Grade
(ab9641)

ab9641 (2µg/ml) staining of Jurkat lysate (RIPA buffer, 1.4E5 cells per lane). Detected by western blot using chemiluminescence.



Western blot - Anti-ORC4L antibody - ChIP Grade (ab9641)

All lanes : Anti-ORC4L antibody (ab9641) at 1 µg/ml

Lane 1 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lane 2 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lane 3 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Rabbit polyclonal to Goat IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 50 kDa

Observed band size: 49 kDa

Additional bands at: 38 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 20 minutes

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