


Anti-DHCR7 antibody ab226409

1 图像

概述

产品名称	Anti-DHCR7抗体
描述	兔多克隆抗体to DHCR7
宿主	Rabbit
经测试应用	适用于: IP
种属反应性	与反应: Human 预测可用于: Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide within Human DHCR7 aa 1-50. The exact sequence is proprietary. Database link: Q9UBM7
阳性对照	IP: HEK-293T whole cell lysate.
常规说明	ab226409 has not performed satisfactorily when used for WB of DHCR7 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of DHCR7. 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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate pH 7 to 8
纯度	Immunogen affinity purified

纯化说明	ab226409 was affinity purified using an epitope specific to DHCR7 immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab226409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。

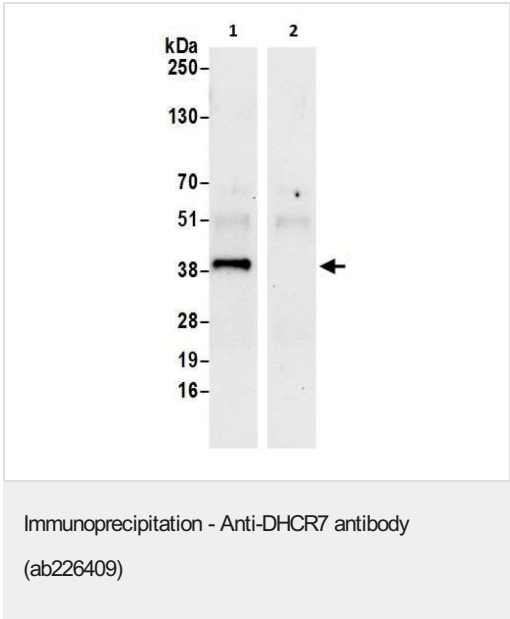
应用	Ab评论	说明
IP		Use at 2-10 µg/mg of lysate.

靶标

相关性 The DHCR7 gene encodes delta-7-sterol reductase (EC 1.3.1.21), the penultimate enzyme of mammalian sterol biosynthesis that converts 7-dehydrocholesterol (7-DHC) to cholesterol. This enzyme removes the C(7-8) double bond introduced by the sterol delta8-delta7 isomerases. In addition, its role in drug-induced malformations is known: inhibitors of the last step of cholesterol biosynthesis such as AY9944 and BM15766 severely impair brain development (Moebius et al., 1998 [PubMed 9465114]).[OMIM]

细胞定位 Endoplasmic reticulum membrane; Multi-pass membrane protein

图片



DHCR7 was immunoprecipitated from HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate (prepared using NETN lysis buffer; 20% of IP loaded) with ab226409 at 6 µg per reaction. Western blot was performed from the immunoprecipitate using ab226409 at 1 µg/ml.

Lane 1: ab226409 IP in HEK-293T whole cell lysate.

Lane 2: Control IgG IP in HEK-293T whole cell lysate.

Detection: Chemiluminescence with exposure time of 30 seconds.

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