

Anti-Calnexin antibody ab10286

★★★★★ [21 Abreviews](#) [69 References](#) [5 图像](#)

概述

产品名称	Anti-Calnexin抗体
描述	兔多克隆抗体to Calnexin
宿主	Rabbit
特异性	Recognizes ER membrane, mitochondria and cis-Golgi
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Recombinant fragment (His-tag) corresponding to Dog Calnexin aa 1-500. Expressed in E. coli. N-terminal ER luminal domain. Database link: P24643
阳性对照	WB: Human CEM T-lymphoblastoid leukemia cell lines. MCF cells. HeLa total cell lysate. HeLa membrane fraction. MDA-MB231 total cell lysate. MDA-MB231 membrane fraction.
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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: 99% Rabbit Serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

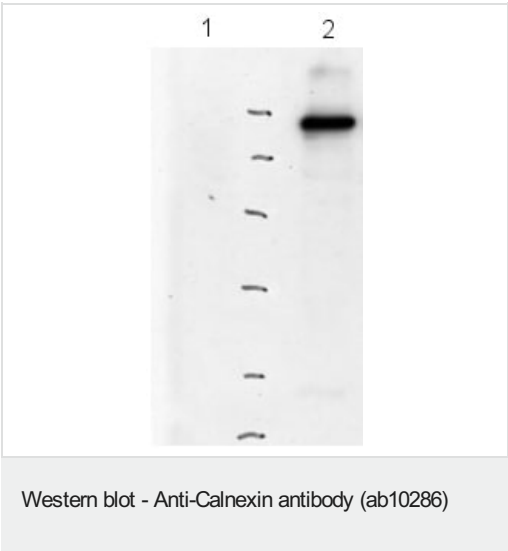
应用

<div> <div>The Abpromise guarantee</div> <div>Abpromise™承诺保证使用ab10286于以下的经测试应用</div> </div> <div>“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。</div>		
应用	Ab评论	说明
WB	★★★★★ (14)	1/2000 - 1/5000. Predicted molecular weight: 67 kDa. 1/2000 - 1/5000. Predicted molecular weight: 67 kDa; however it does run on SDS-PAGE as an ~90kDa protein, this is mainly due to a number of negative charges at the C-terminus of the protein which effects the SDS binding to the molecules and consequently its SDS-PAGE mobility.

靶标

功能	Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins.
序列相似性	Belongs to the calreticulin family.
细胞定位	Endoplasmic reticulum membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片

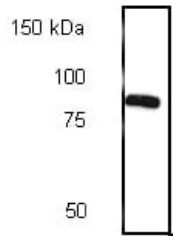


Western blot probed with ab10286 at 1/1000.

Lane 1 – calnexin deficient human NKR T-lymphoblastoid leukemia cell lines.

Lane 2 - human CEM T-lymphoblastoid leukemia cell lines.

Western blot probed with ab10286 at 1/1000. Lane 1 – calnexin deficient human NKR T-lymphoblastoid leukemia cell lines. Lane 2 - human CEM T-lymphoblastoid leukemia cell lines.



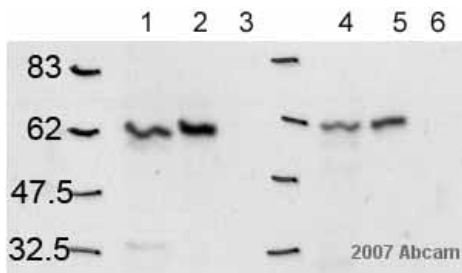
Western blot - Anti-Calnexin antibody (ab10286)

Anti-Calnexin antibody (ab10286) at 1/1000 dilution + MCF7 cells

Secondary

Goat anti rabbit at 1/10000 dilution

Predicted band size: 67 kDa



Western blot - Anti-Calnexin antibody (ab10286)

This image is courtesy of an Abreview submitted by Dr Neil Taylor

All lanes : Anti-Calnexin antibody (ab10286) at 1/4000 dilution

Lane 1 : HeLa (Total cell lysate)

Lane 2 : HeLa (Membrane fraction)

Lane 3 : HeLa (Cytoplasmic fraction)

Lane 4 : MDA-MB231 (Total cell lysate)

Lane 5 : MDA-MB231 (Membrane fraction)

Lane 6 : MDA-MB231 (Cytoplasmic fraction)

Secondary

All lanes : HRP conjugated donkey anti-rabbit

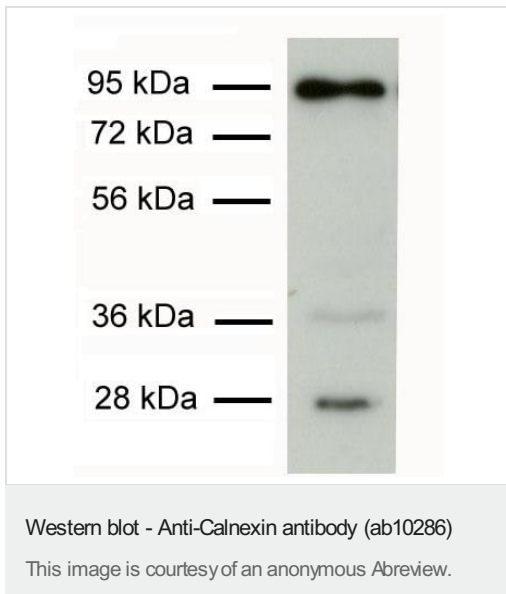
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 67 kDa

Observed band size: 67 kDa

Exposure time: 5 minutes



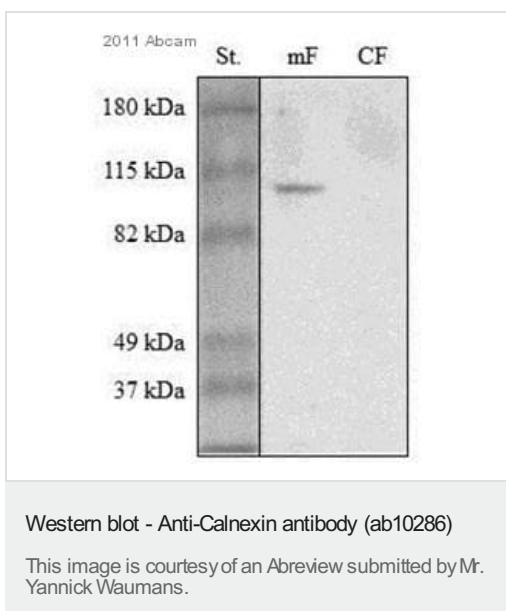
Anti-Calnexin antibody (ab10286) at 1/2000 dilution + HeLa whole cell lysate

Secondary

Goat anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

Predicted band size: 67 kDa



All lanes : Anti-Calnexin antibody (ab10286) at 1/4000 dilution

Lane 1 : CHO membrane fraction

Lane 2 : CHO cytosolic fraction

Secondary

All lanes : HRP-conjugated Goat anti-Rabbit Ig at 1/5000 dilution

Predicted band size: 67 kDa

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