

# Anti-Calnexin antibody ab13505

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### 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: IHC-P, ICC/IF, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide: TAPPSSPKVITYKAPVPTGE conjugated to KLH, corresponding to amino acids 50-68 of Human Calnexin

 [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	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee      Abpromise™承诺保证使用ab13505于以下的经测试应用

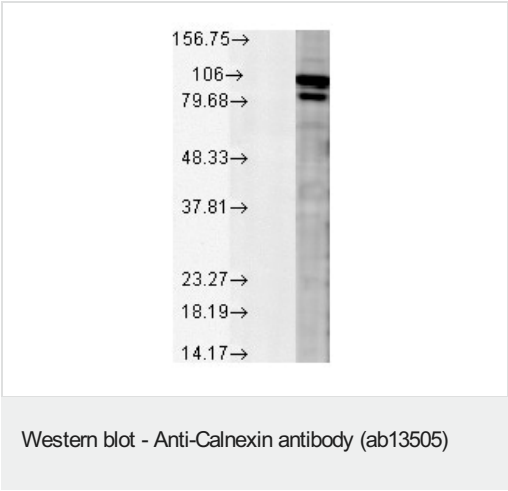
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100.
ICC/IF		1/100.
WB		1/5000. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa).

靶标

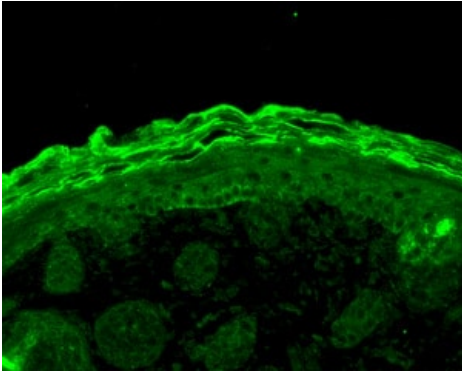
功能	Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the 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



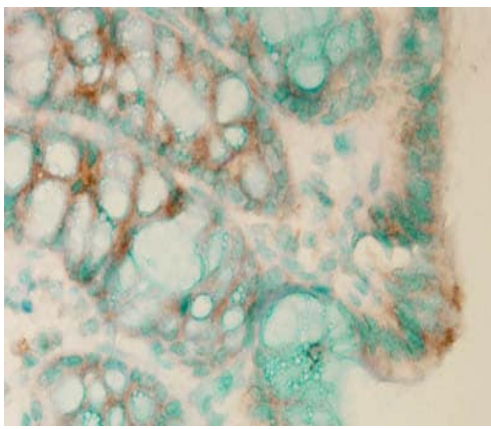
Anti-Calnexin antibody (ab13505) at 1/1000 dilution + Mixture of tissue lysates prepared from Rat tissues.

**Predicted band size:** 90 kDa



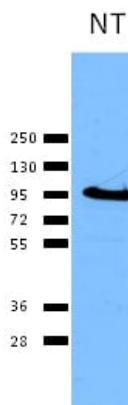
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calnexin antibody (ab13505)

ab13505 staining Calnexin - ER membrane marker in mouse back skin tissue section by Immunohistochemistry (Bouin's fixed paraffin embedded tissue sections). Tissue underwent heat mediated antigen retrieval in microwave with two, 5 minutes incubation intervals in citrate buffer. The primary antibody was used at 1/100 dilution and a Fluorophore conjugated goat anti rabbit secondary at 1/50 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calnexin antibody (ab13505)

ab13505 staining Calnexin - ER membrane marker in mouse colitis colon tissue section by immunohistochemistry (Bouin's fixed paraffin embedded tissue sections). Tissue underwent heat mediated antigen retrieval in microwave with two, 5 minutes incubation intervals in citrate buffer. An antibody amplifier™ was used for staining. A HRP-conjugated anti rabbit was used at 1/10 dilution as secondary.



Western blot - Anti-Calnexin antibody (ab13505)

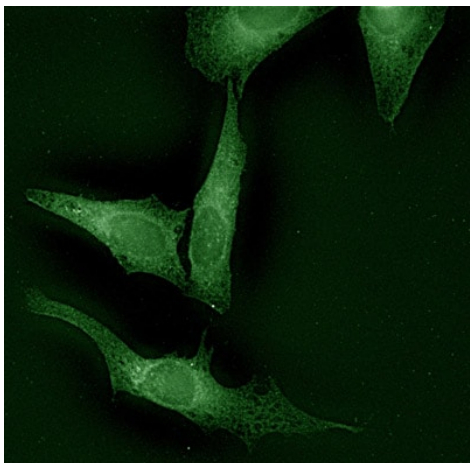
Anti-Calnexin antibody (ab13505) at 1/2000 dilution ((in TBS with 0.05% TW-20)) + HeLa cell lysate

### Secondary

An HRP-conjugated goat anti-rabbit IgG

Developed using the ECL technique.

**Predicted band size: 90 kDa**



Immunocytochemistry/ Immunofluorescence - Anti-Calnexin antibody (ab13505)

ab13505 staining Calnexin in HeLa cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with 4% PFA for 20 minutes at room temperature. Samples were incubated with primary antibody (1/100) for 1 hour at room temperature. A Fluorescein-conjugated goat anti-rabbit IgG secondary antibody was used.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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