

Anti-Hsp60 antibody ab31115

★★★★★ [1 Abreviews](#) [6 References](#) [3 图像](#)

概述

产品名称	Anti-Hsp60抗体
描述	兔多克隆抗体to Hsp60
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Chicken, Cow, Pufferfish, Zebrafish, Sea urchin, Chinese hamster



免疫原	Synthetic peptide within Human Hsp60 aa 1-100. The exact sequence is proprietary. Database link: P10809
阳性对照	Hela cells, NIH3T3 cells, Colon carcinoma.
常规说明	<p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p> <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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
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ab31115于以下的经测试应用

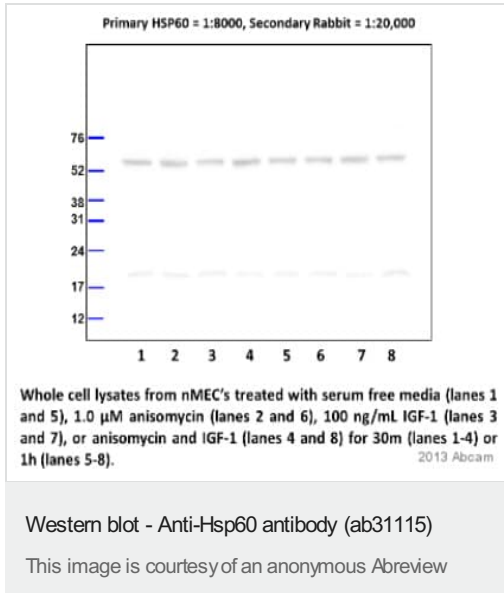
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 60 kDa.
IHC-P		1/200.

靶标

功能	Implicated in mitochondrial protein import and macromolecular assembly. May facilitate the correct folding of imported proteins. May also prevent misfolding and promote the refolding and proper assembly of unfolded polypeptides generated under stress conditions in the mitochondrial matrix.
疾病相关	Defects in HSPD1 are a cause of spastic paraplegia autosomal dominant type 13 (SPG13) [MIM:605280]. Spastic paraplegia is a degenerative spinal cord disorder characterized by a slow, gradual, progressive weakness and spasticity of the lower limbs. Defects in HSPD1 are the cause of leukodystrophy hypomyelinating type 4 (HLD4) [MIM:612233]; also called mitochondrial HSP60 chaperonopathy or MitCHAP-60 disease. HLD4 is a severe autosomal recessive hypomyelinating leukodystrophy. Clinically characterized by infantile-onset rotary nystagmus, progressive spastic paraplegia, neurologic regression, motor impairment, profound mental retardation. Death usually occurs within the first two decades of life.
序列相似性	Belongs to the chaperonin (HSP60) family.
细胞定位	Mitochondrion matrix.

图片



All lanes : Anti-Hsp60 antibody (ab31115) at 1/8000 dilution

Lanes 1 & 5 : Cow normal mammary epithelial cells (nMEC) treated with serum free media

Lanes 2 & 6 : Cow normal mammary epithelial cells (nMEC) treated with 1.0 μ M anisomycin

Lanes 3 & 7 : Cow normal mammary epithelial cells (nMEC) treated with 100ng/ml IGF-1

Lanes 4 & 8 : Cow normal mammary epithelial cells (nMEC) treated with anisomycin and IGF-1

Lysates/proteins at 40 μ g per lane.

Secondary

All lanes : ECL Anti-Rabbit IgG, Horseradish Peroxidase Linked at 1/20000 dilution

Developed using the ECL technique.

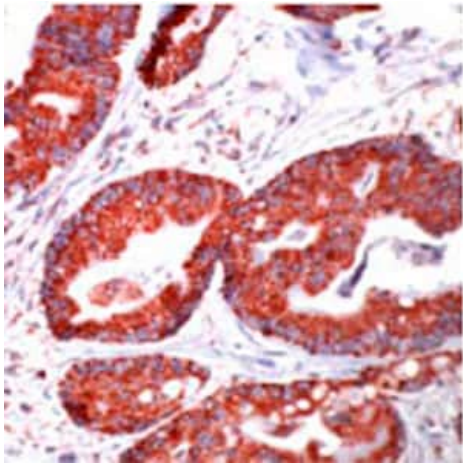
Performed under reducing conditions.

Predicted band size: 60 kDa

Observed band size: 60 kDa

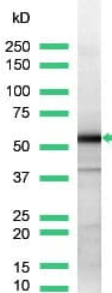
Exposure time: 15 seconds

Treatment for 30 minutes (lanes 1-4) or 1 hour (lanes 5-8). 12.5% SDS-PAGE. Proteins collected in RIPA Buffer and transferred to PVDF (0.45 μ m).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp60 antibody (ab31115)

Ab31115, at a 1/200 dilution, staining Hsp60 in formalin fixed, paraffin embedded human colon carcinoma tissue by Immunohistochemistry.



Western blot - Anti-Hsp60 antibody (ab31115)

Anti-Hsp60 antibody (ab31115) at 1/25 dilution + lysate prepared from HeLa cells

Predicted band size: 60 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors