


Anti-Hsp60 antibody ab31115

★★★★★ [1 Abreviews](#) [6 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Hsp60 antibody
製品の詳細	Rabbit polyclonal to Hsp60
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: 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
ポジティブ・コントロール	Hela cells, NIH3T3 cells, Colon carcinoma.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

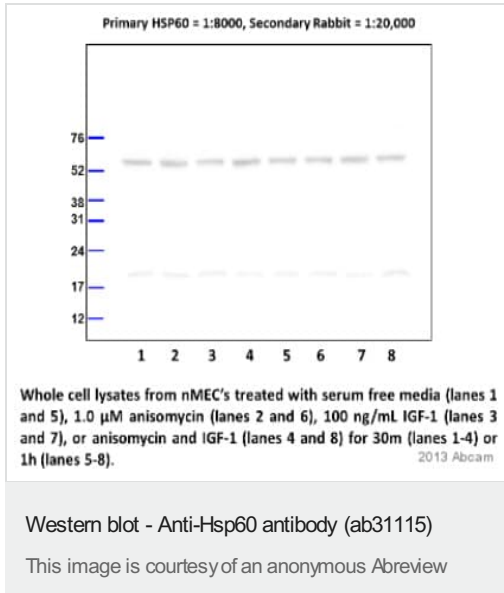
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab31115の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 60 kDa.
IHC-P		1/200.

ターゲット情報

機能	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.
関連疾患	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.
配列類似性	Belongs to the chaperonin (HSP60) family.
細胞内局在	Mitochondrion matrix.

画像



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.

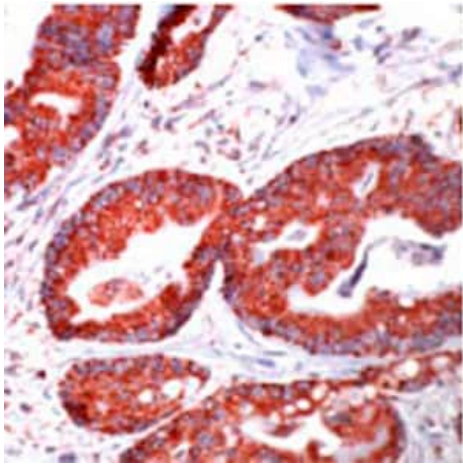
Performed under reducing conditions.

Predicted band size: 60 kDa

Observed band size: 60 kDa

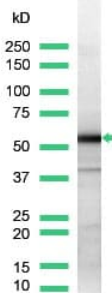
Exposure time: 15 seconds

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

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