


Product datasheet

Anti-Sacsin antibody ab80195

2 图像

概述

产品名称	Anti-Sacsin抗体
描述	兔多克隆抗体to Sacsin
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Human Sacsin. 参阅Abcam的专有抗源政策
阳性对照	This antibody gave a positive signal in human hippocampus formalin fixed paraffin embedded tissue section.

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	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab80195** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

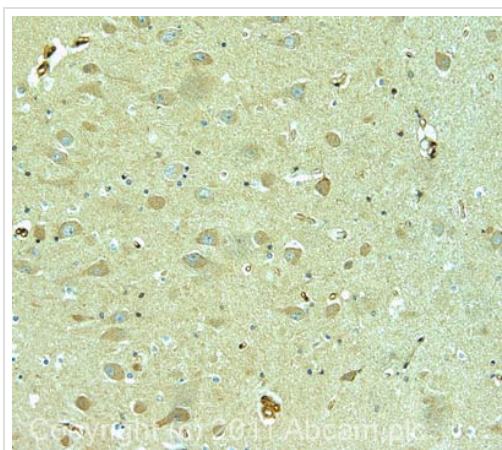
应用	Ab评论	说明
ICC/IF		Use a concentration of 1 µg/ml.

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

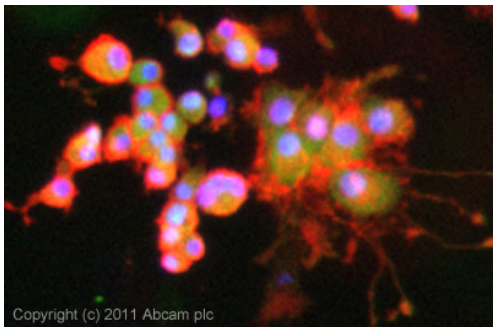
功能	Co-chaperone which acts as a regulator of the Hsp70 chaperone machinery and may be involved in the processing of other ataxia-linked proteins.
组织特异性	Highly expressed in the central nervous system. Also found in skeletal muscle and at low levels in pancreas.
疾病相关	Spastic ataxia Charlevoix-Saguenay type
序列相似性	Contains 1 HEPN domain. Contains 1 J domain. Contains 1 ubiquitin-like domain.
结构域	The ubiquitin-like domain mediates interaction with the proteasome. The J domain is functional and is shown to stimulate E.coli dnaK ATPase activity.
细胞定位	Cytoplasm. Predominantly cytoplasmic, a small portion is present in the nucleus and also shows a partial mitochondrial overlap with the mitochondrial marker Hsp60.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sacsin antibody (ab80195)

IHC image of Sacsin staining in human hippocampus formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab80195, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Immunocytochemistry/ Immunofluorescence - Anti-Sacsin antibody (ab80195)

IF image of ab80195 stained PC12 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab80195, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM

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