abcam

Product datasheet

Anti-AIPL1 antibody ab79039

1 References 3 图像

概述

产品名称	Anti-AIPL1抗体
描述	兔多克隆抗体to AIPL1
宿主	Rabbit
经测试应用	**适用于:** WB, ICC/IF, IHC-P
种属反应性	**与反应:** Human
免疫原	A 17 amino acid synthetic peptide near the carboxy terminus of human AIPL1 (NP_055151).
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.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	ab79039 was purified by affinity chromatography via a peptide column
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee	Abpromise™承诺保证使用ab79039于以下的经测试应用

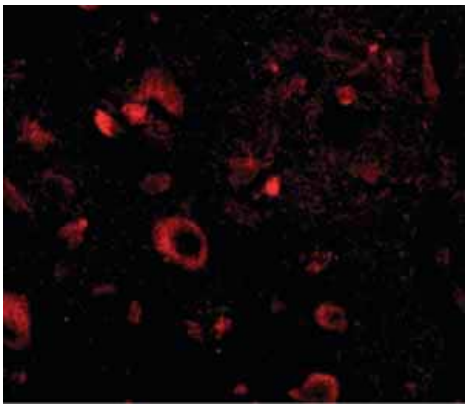
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 44 kDa.
ICC/IF		Use a concentration of 20 µg/ml.
IHC-P		Use at an assay dependent concentration.

靶标

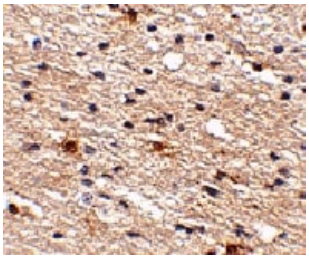
功能	May be important in protein trafficking and/or protein folding and stabilization.
组织特异性	Highly expressed in retina. Specifically localized to the developing photoreceptor layer and within the photoreceptors of the adult retina.
疾病相关	Defects in AIPL1 are the cause of Leber congenital amaurosis type 4 (LCA4) [MIM:604393]. LCA designates a clinically and genetically heterogeneous group of childhood retinal degenerations, generally inherited in an autosomal recessive manner. Affected infants have little or no retinal photoreceptor function as tested by electroretinography. LCA represents the most common genetic cause of congenital visual impairment in infants and children.
序列相似性	Contains 1 PPIase FKBP-type domain. Contains 3 TPR repeats.
细胞定位	Cytoplasm. Nucleus.

图片



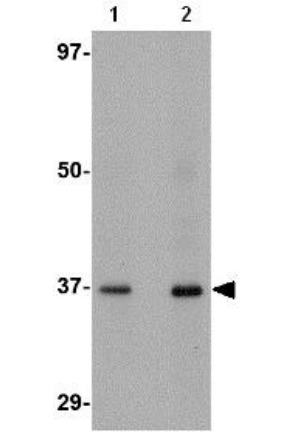
Immunocytochemistry/ Immunofluorescence - Anti-AIPL1 antibody (ab79039)

Immunofluorescence of AIPL1 in Human brain tissue with ab79039 at 20 ug/mL.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AIPL1 antibody (ab79039)

Immunohistochemistry of Human brain tisue using ab79039 at 2.5 µg/ml.



Western blot - Anti-AIPL1 antibody (ab79039)

Lane 1 : Anti-AIPL1 antibody (ab79039) at 1 µg/ml
Lane 2 : Anti-AIPL1 antibody (ab79039) at 2 µg/ml

All lanes : Human brain tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 44 kDa
Observed band size: 36 kDa

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