


Anti-ASPA antibody ab97454

1 References 2 图像

概述	
产品名称	Anti-ASPA抗体
描述	兔多克隆抗体to ASPA
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, Cow, Pig 
免疫原	Recombinant fragment, corresponding to a region within amino acids 39-270 of Human ASPA (AAH29128).
常规说明	<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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

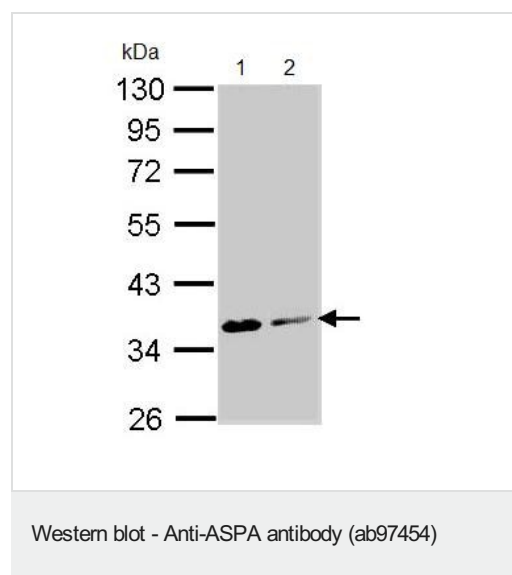
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 36 kDa.
IHC-P		1/100 - 1/500.

靶标

功能	Catalyzes the deacetylation of N-acetylaspartic acid (NAA) to produce acetate and L-aspartate. NAA occurs in high concentration in brain and its hydrolysis NAA plays a significant part in the maintenance of intact white matter. In other tissues it act as a scavenger of NAA from body fluids.
组织特异性	Brain white matter, skeletal muscle, kidney, adrenal glands, lung and liver.
疾病相关	Defects in ASPA are the cause of Canavan disease (CAND) [MIM:271900]; also known as spongy degeneration of the brain. CAND is a rare neurodegenerative condition of infancy or childhood characterized by white matter vacuolization and demyelination that gives rise to a spongy appearance. The clinical features are onset in early infancy, atonia of neck muscles, hypotonia, hyperextension of legs and flexion of arms, blindness, severe mental defect, megaloccephaly, and death by 18 months on the average.
序列相似性	Belongs to the AspA/AstE family. Aspartoacylase subfamily.
细胞定位	Cytoplasm. Nucleus.

图片



All lanes : Anti-ASPA antibody (ab97454) at 1/1000 dilution

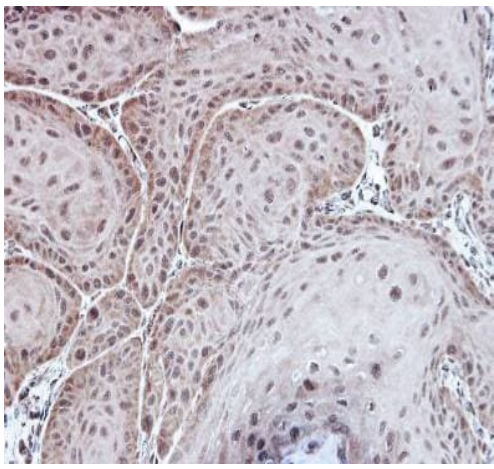
Lane 1 : MOLT4 whole cell lysate

Lane 2 : Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 36 kDa

10% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASP A antibody (ab97454)

ab97454 at 1/100 dilution staining ASP A in paraffin-embedded Cal27 xenograft by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

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