

Anti-Lipoic Acid antibody ab58724

16 References

概述

产品名称	Anti-Lipoic Acid抗体
描述	兔多克隆抗体to Lipoic Acid
宿主	Rabbit
特异性	Recognizes native lipoic acid and lipoic acid covalently attached to proteins. It does not recognize lipoic acid modified by 4-HNE (4-hydroxy-2-nonenal) and other lipid peroxidation products.
经测试应用	适用于: WB, IHC-Fr, ELISA, IHC-P
种属反应性	与反应: Species independent
免疫原	Lipoic acid conjugated to KLH
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 and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.50 Constituents: Whole serum, 50% Glycerol
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab58724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		1/1000 - 1/10000. Predicted molecular weight: 1 kDa.
IHC-Fr		1/50 - 1/500.
ELISA		1/500 - 1/1000.
IHC-P		1/50 - 1/500.

靶标

相关性

Lipoic acid is a sulfur-containing substance that is readily converted to and from its reduced form, dihydrolipoic acid. It acts as a coenzyme in reactions that occur in the Krebs cycle; specifically it is involved in the decarboxylation of pyruvate and some other alpha-keto acids. Protein-bound lipoic acids such as E2 subunits, α -ketoglutarate dehydrogenase, or pyruvate dehydrogenase have been shown to be highly susceptible to free radical-derived oxidative modification. Lipoic acid is able to deactivate both fat and water soluble free radicals and thereby protect both lipoproteins and membranes; no other anti-oxidant can do this. It has also shown great promise in the treatment of HIV and in diabetes.

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

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