

Anti-Lipoic Acid antibody ab58724

16 References

製品の概要

製品名	Anti-Lipoic Acid antibody
製品の詳細	Rabbit polyclonal to Lipoic Acid
由来種	Rabbit
特異性	Recognizes native lipoic acid and lipoic acid covalently attached to proteins. It does not recognize lipoic acid modified by 4-HNE (4-hydroxy-2-noneal) and other lipid peroxidation products.
アプリケーション	適用あり: WB, IHC-Fr, ELISA, IHC-P
種交差性	交差種: Species independent
免疫原	Lipoic acid conjugated to KLH
特記事項	<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: 7.50 Constituents: Whole serum, 50% Glycerol
精製度	Whole antiserum
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ab58724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		1/1000 - 1/10000. Predicted molecular weight: 1 kDa.
IHC-Fr		1/50 - 1/500.
ELISA		1/500 - 1/1000.
IHC-P		1/50 - 1/500.

ターゲット情報

関連性

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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