

Anti-AGE antibody ab23722

★★★★★ [6 Abreviews](#) [101 References](#) [画像数 1](#)

製品の概要

製品名	Anti-AGE antibody
製品の詳細	Rabbit polyclonal to AGE
由来種	Rabbit
アプリケーション	適用あり: IHC-Fr, WB, IHC-P, ICC/IF, ELISA
種交差性	交差種: Species independent
免疫原	Full length protein corresponding to Human AGE conjugated to bovine serum albumin. Native protein (Peptide available as ab129535)

特記事項

ab23722 is suitable for the detection of different AGE products in tissues, tissue extracts and body fluids.

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

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: 7.15 Preservative: 0.05% Sodium azide Constituents: 0.134% PBS, 0.85% Sodium chloride
精製度	Protein A purified
一次抗体 備考	ab23722 is suitable for the detection of different AGE products in tissues, tissue extracts and body fluids.
ポリ/モノ	ポリクローナル

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ab23722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。

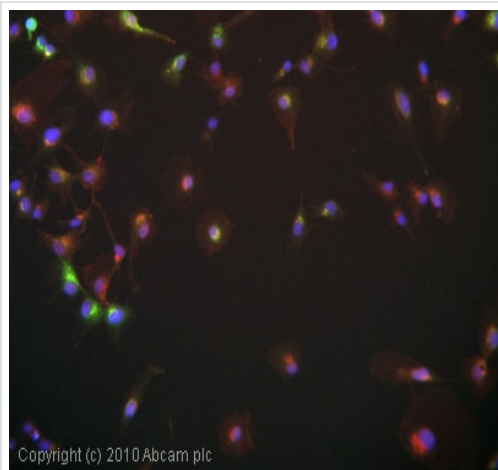
アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★★ (2)	Use at an assay dependent concentration.
IHC-P	★★★★★ (3)	Use at an assay dependent concentration. PubMed: 19223295
ICC/IF		Use a concentration of 5 µg/ml.
ELISA		Use a concentration of 1 µg/ml.

ターゲット情報

関連性 The non enzymatic reaction of reducing carbohydrates with lysine side chains and N terminal amino groups of macromolecules (amino acids, proteins, phospholipids and nucleic acids) is called the Maillard reaction or glycation. The latter products of this process, termed advanced glycation end products (AGEs), adversely affect the functional properties of proteins, lipids and DNA. In long lived tissue proteins, these chemical modifications accumulate with age and may contribute to the pathophysiology of ageing and long term complications of diabetes, atherosclerosis and renal failure.

細胞内局在 Cell Membrane and Secreted

画像



Immunocytochemistry/ Immunofluorescence - Anti-AGE antibody (ab23722)

ICC/IF image of ab23722 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 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 (ab23722, 5µg/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.

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

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