

Anti-GSTA1 antibody ab53940

7 References [画像数 3](#)

製品の概要

製品名	Anti-GSTA1 antibody
製品の詳細	Goat polyclonal to GSTA1
由来種	Goat
特異性	The antibody is known to be class-specific and recognizes alpha-form GSTs from rat, mouse, hamster, rabbit, and human. Recognizes GST A1-1(Ya1), A2-2 (Ya2,Yc2), A3-3 (Ya3,Yc), A4-4 (Yk).
アプリケーション	適用あり: IHC-P, ICC/IF, WB
種交差性	交差種: Mouse, Rat, Rabbit, Hamster, Human
免疫原	Full length native protein (purified) corresponding to Rat GSTA1. Database link: <u>P00502</u>
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	Constituent: PBS
精製度	IgG fraction
特記事項(精製)	IgG fraction was prepared from the antisera using the caprylic acid precipitation method.
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

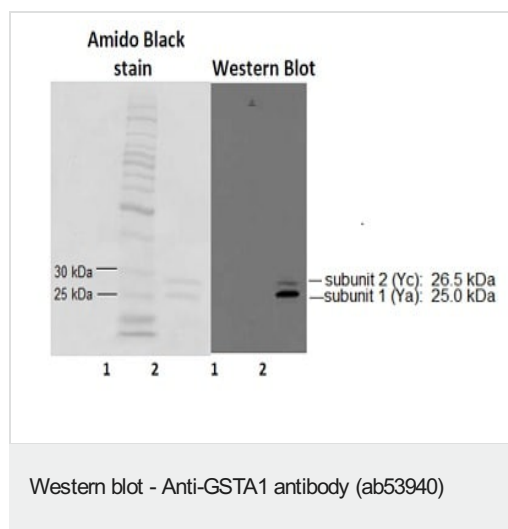
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab53940の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/1000.
ICC/IF		Use a concentration of 5 µg/ml.
WB		1/2000. Detects a band of approximately 30 kDa (predicted molecular weight: 26 kDa). 5 µL per 10 mL of 5% milk powder in TTBS (1:2000 dilution) is recommended for ECL method with overnight incubation at room temperature.

ターゲット情報

機能	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
組織特異性	Liver.
配列類似性	Belongs to the GST superfamily. Alpha family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
ドメイン	The C-terminal domain may form a component of the hydrophobic substrate-binding site, but in contrast appears not to be directly involved in GSH binding and is not absolutely essential for catalytic activity.
細胞内局在	Cytoplasm.

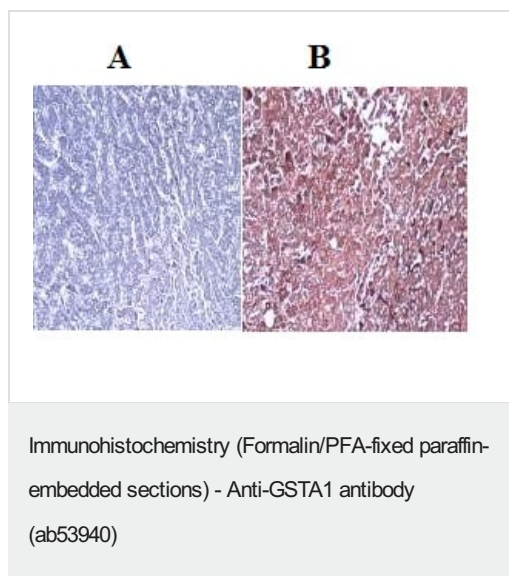
画像



Lane 1. Molecular Weight Marker

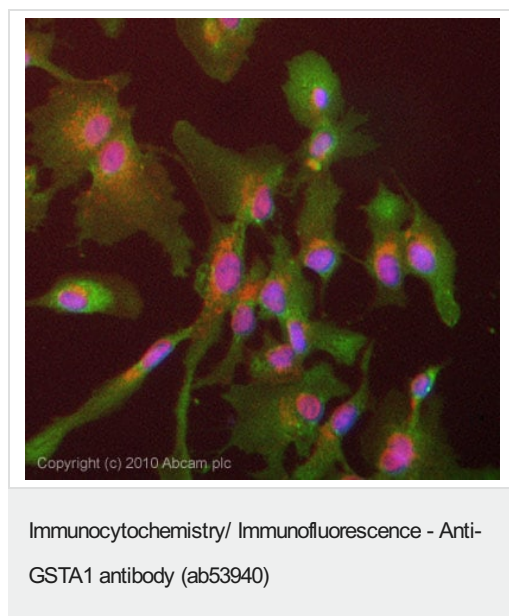
Lane 2. GST α Standard

A 1:2000 dilution is recommended for ECL method with overnight incubation at room temperature.



A. Negative control (no antibody).

B. Rat liver section stained with ab53940 at 1/1000 dilution followed by anti-goat IgG-HRP with DAB HRP substrate.



ICC/IF image of ab53940 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal donkey 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 (ab53940, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 donkey anti-goat 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.

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