


Anti-PROX1 antibody ab38692

★★★★☆ **8 Abreviews** **13 References** 画像数 1

製品の概要

製品名	Anti-PROX1 antibody
製品の詳細	Rabbit polyclonal to PROX1
由来種	Rabbit
特異性	We have had mixed results for use of this antibody in IHC-P. The AbReview below from an external researcher reports good staining with this antibody with human heart tissue, but we have had mixed results with this antibody in internal QC testing in IHC-P. We welcome any feedback from customers who have used this antibody in IHC-P.
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human PROX1 aa 150-250 conjugated to keyhole limpet haemocyanin. (Peptide available as ab38691)
ポジティブ・コントロール	WB: HepG2, SHSY5Y whole cell lysates
特記事項	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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

精製度	Immunogen affinity purified
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

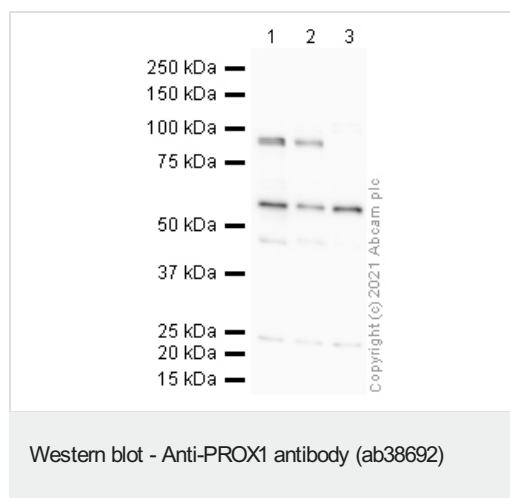
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab38692の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	Use a concentration of 2 µg/ml. Detects a band of approximately 105 kDa (predicted molecular weight: 83 kDa).

ターゲット情報

機能	Transcription factor involved in developmental processes such as cell fate determination, gene transcriptional regulation and progenitor cell regulation in a number of organs. Plays a critical role in embryonic development and functions as a key regulatory protein in neurogenesis and the development of the heart, eye lens, liver, pancreas and the lymphatic system. Involved in the regulation of the circadian rhythm. Represses: transcription of the retinoid-related orphan receptor RORγ, transcriptional activator activity of RORα and RORγ and the expression of RORα/G-target genes including core clock components: ARNTL/BMAL1, NPAS2 and CRY1 and metabolic genes: AVPR1A and ELOVL3.
組織特異性	Most actively expressed in the developing lens. Detected also in embryonic brain, lung, liver and kidney. In adult, it is more abundant in heart and liver than in brain, skeletal muscle, kidney and pancreas.
配列類似性	Belongs to the Prospero homeobox family. Contains 1 Prospero-type homeobox DNA-binding domain.
ドメイン	The prospero-type homeobox DNA-binding domain is essential for repression of RORγ transcriptional activator activity.
細胞内局在	Nucleus. RORγ promotes its nuclear localization.
製品の状態	Prox1 is a specific and required regulator of the development of the lymphatic system and that the vascular and lymphatic systems develop independently. Sox18 directly activates Prox1 transcription by binding to its proximal promoter.

画像



All lanes : Anti-PROX1 antibody (ab38692) at 1 µg/ml

Lane 1 : HepG2 whole cell lysate

Lane 2 : SHSY5Y whole cell lysate

Lane 3 : Hek293 whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Predicted band size: 83 kDa

Observed band size: 95 kDa

Exposure time: 12 minutes

Gel type: MOPS

Blocking buffer: 3% milk

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

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