

Anti-HNF-1B antibody [EPR6334(2)] ab128912

リコンビナント RabMAb

2 References [画像数 5](#)

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-HNF-1B antibody [EPR6334(2)] |
| 製品の詳細 | Rabbit monoclonal [EPR6334(2)] to HNF-1B |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB, IHC-P 適用なし: ICC/IF or IP |
| 種交差性 | 交差種: Mouse, Rat, Human |
| 免疫原 | Synthetic peptide within Human HNF-1B aa 500-600. The exact sequence is proprietary. |
| ポジティブ・コントロール | Human fetal kidney and Caco 2 lysates. ICC/IF: human, rat and mouse liver tissue |
| 特記事項 | This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . |

製品の特性

| | |
|--------|--|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| バッファー | pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS, 0.05% BSA |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |
| クローン名 | EPR6334(2) |
| 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ab128912の使用に適用されず
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. Detects a band of approximately 61 kDa (predicted molecular weight: 61 kDa). |
| IHC-P | | 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |

追加情報 Is unsuitable for ICC/IF or IP.

ターゲット情報

機能 Transcription factor, probably binds to the inverted palindrome 5'-GTTAATNATTAAC-3'.

関連疾患 Defects in HNF1B are the cause of renal cysts and diabetes syndrome (RCAD) [MIM:137920]; also called maturity-onset diabetes of the young type 5 (MODY5) or familial hypoplastic glomerulocystic kidney disease (GCKD). RCAD is an autosomal dominant disorder comprising non-diabetic renal disease resulting from abnormal renal development, and diabetes, which in some cases occurs earlier than age 25 years and is thus consistent with a diagnosis of maturity-onset diabetes of the young (MODY5). The renal disease is highly variable and includes renal cysts, glomerular tufts, aberrant nephrogenesis, primitive tubules, irregular collecting systems, oligomeganephronia, enlarged renal pelves, abnormal calyces, small kidney, single kidney, horseshoe kidney, and hyperuricemic nephropathy.

Defects in HNF1B may be rare genetic risk factor contributing to the development of non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853]. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance.

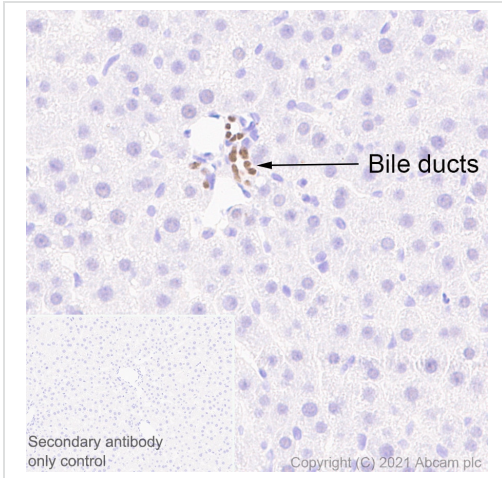
Defects in HNF1B may be a cause of susceptibility to prostate cancer hereditary type 11 (HPC11) [MIM:611955]. It is a condition associated with familial predisposition to cancer of the prostate. Most prostate cancers are adenocarcinomas that develop in the acini of the prostatic ducts. Other rare histopathologic types of prostate cancer that occur in approximately 5% of patients include small cell carcinoma, mucinous carcinoma, prostatic ductal carcinoma, transitional cell carcinoma, squamous cell carcinoma, basal cell carcinoma, adenoid cystic carcinoma (basaloid), signet-ring cell carcinoma and neuroendocrine carcinoma.

配列類似性 Belongs to the HNF1 homeobox family.

Contains 1 homeobox DNA-binding domain.

細胞内局在 Nucleus.

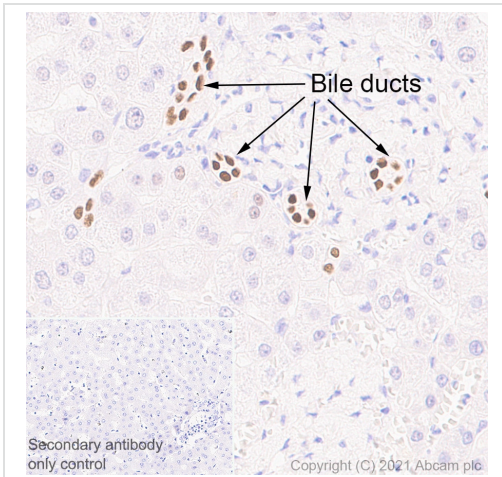
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HNF-1B antibody [EPR6334(2)] (ab128912)

Immunohistochemistry analysis of paraffin-embedded sections of rat liver tissue staining HNF-1B with ab128912 with 1/2000 dilution (0.23 µg/mL concentration) and Ready-to-use secondary; counterstained with Hematoxylin. The section was incubated with ab128912 for 30 mins at room temperature.

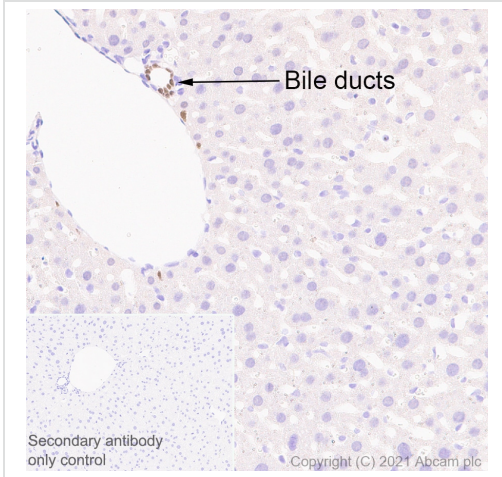
The immunostaining was performed on a Leica Biosystems BOND® RX instrument



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HNF-1B antibody [EPR6334(2)] (ab128912)

Immunohistochemistry analysis of paraffin-embedded sections of human liver tissue staining HNF-1B with ab128912 with 1/100 dilution (4.6 µg/mL concentration) and Ready-to-use secondary; counterstained with Hematoxylin. The section was incubated with ab128912 for 30 mins at room temperature.

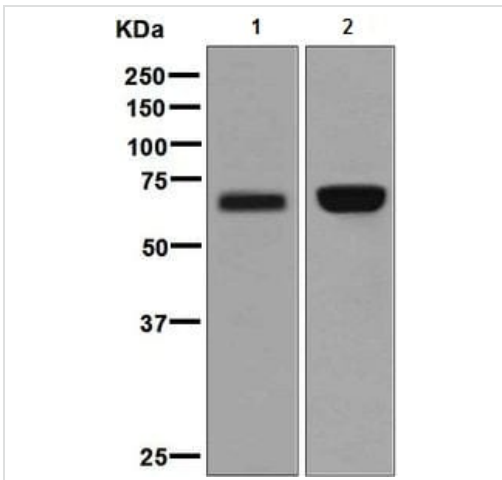
The immunostaining was performed on a Leica Biosystems BOND® RX instrument



Immunohistochemistry analysis of paraffin-embedded sections of mouse liver tissue staining HNF-1B with ab128912 with 1/2000 dilution (0.23 µg/mL concentration) and Ready-to-use secondary; counterstained with Hematoxylin. The section was incubated with ab128912 for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HNF-1B antibody [EPR6334(2)] (ab128912)



Western blot - Anti-HNF-1B antibody [EPR6334(2)] (ab128912)

All lanes : Anti-HNF-1B antibody [EPR6334(2)] (ab128912) at 1/1000 dilution

Lane 1 : Human fetal kidney lysate

Lane 2 : Caco 2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 61 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-HNF-1B antibody [EPR6334(2)] (ab128912)

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