

Product datasheet

Anti-HNF6 antibody [EPR14976] ab186743

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-HNF6 antibody [EPR14976]
Description	Rabbit monoclonal [EPR14976] to HNF6
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human fetal liver, human and rat liver tissue lysates; HepG2 and Hepa1-6 whole cell lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14976
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab186743 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 51 kDa (predicted molecular weight: 51 kDa).

Target

Function

Transcriptional activator. Binds the consensus sequence 5'-DHWATTGAYTWWD-3' on a variety of gene promoters such as those of HNF3B and TTR. Important for liver genes transcription.

Tissue specificity

Highly expressed in liver; lower expression in testis and skin.

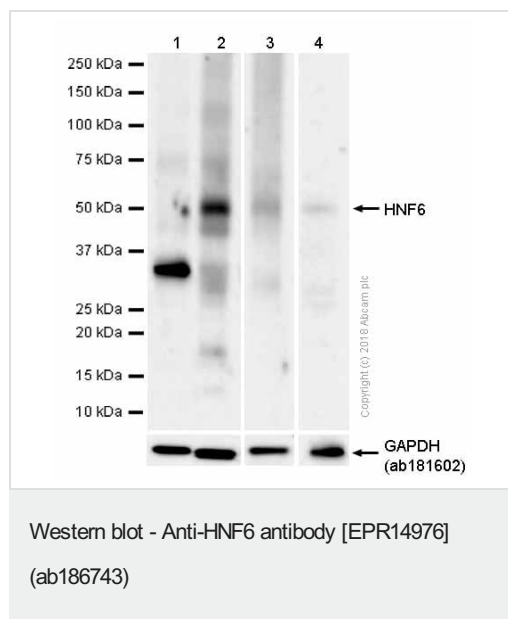
Sequence similarities

Belongs to the CUT homeobox family.
Contains 1 CUT DNA-binding domain.
Contains 1 homeobox DNA-binding domain.

Cellular localization

Nucleus.

Images



All lanes : Anti-HNF6 antibody [EPR14976] (ab186743) at 1/200 dilution

Lane 1 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates at 20 µg

Lane 2 : Hepa1-6 (Mouse hepatoma epithelial cell) whole cell lysates at 15 µg

Lane 3 : Rat liver tissue lysates at 15 µg

Lane 4 : Human liver tissue lysates at 15 µg

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 51 kDa





Observed band size: 51 kDa

Exposure time: 100 seconds

Blocking/Diluting buffer and concentration 5% NFDm/TBST

This antibody shows low affinity on liver samples which should be positive according to PMID 27445394.

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-HNF6 antibody [EPR14976] (ab186743)

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

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