

Datasheet for ABIN2777700

anti-HNF1B antibody (N-Term)



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4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	HNF1B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Cow, Horse, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNF1B
Sequence:	NFGVKLETLP LSPGSGAEPD TKPVFHTLTN GHAKGRLSGD EGSEDGDDYD
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rat: 92%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against HNF1B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HNF1B
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Target Details

Alternative Name:	HNF1B (HNF1B Products)
Background:	<p>HNF1B is a member of the transcription factor superfamily. It forms heterodimers with another member of this transcription factor family, HNF1A. Multiple alternatively spliced transcript variants have been described, however the biological validity all of these variants needs to be determined. This gene encodes a member of the transcription factor superfamily. The encoded protein forms heterodimers with another member of this transcription factor family, HNF1A. Multiple alternatively spliced transcript variants have been described, however the biological validity all of these variants needs to be determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-473 DC340648.1 1-473 474-1994 BC017714.1 441-1961 1995-2544 AC091199.6 29528-30077 2545-2842 AI797324.1 1-298 c</p> <p>Alias Symbols: FJHN, HNF1beta, HNF2, LFB3, MODY5, TCF2, VHNF1, HPC11, LF-B3</p> <p>Protein Interaction Partner: HIST1H3A, PCBD1, CREBBP, HNF1A, ATF1, CREB1,</p> <p>Protein Size: 557</p>
Molecular Weight:	61 kDa
Gene ID:	6928
NCBI Accession:	NM_000458 , NP_000449
UniProt:	P35680
Pathways:	Hormone Transport , Stem Cell Maintenance , Tube Formation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 557 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

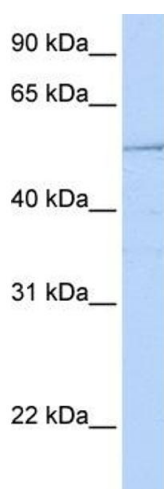
Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

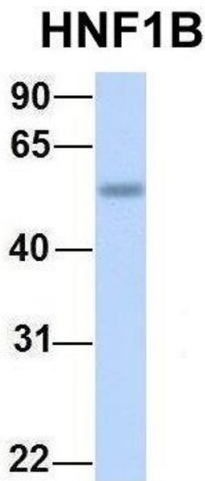
Product cited in:	Coyne, Gambling, Boucher, Carson, Johnson: "Role of claudin interactions in airway tight junctional permeability." in: American journal of physiology. Lung cellular and molecular physiology , Vol. 285, Issue 5, pp. L1166-78, (2003) (PubMed).
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Images



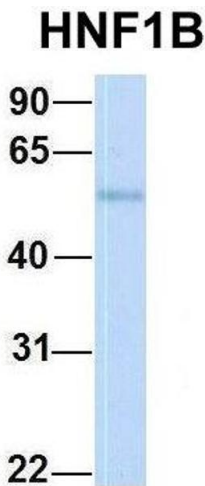
Western Blotting

Image 1. WB Suggested Anti-HNF1B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 721_B cell lysate HNF1B is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Western Blotting

Image 2. Host: Rabbit Target Name: HNF1B Sample Type:
Human Fetal Lung Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: HNF1B Sample Type:
Human Adult Placenta Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2777700.