

Datasheet for ABIN334505  
**anti-HNF1B antibody (Internal Region)**[Go to Product page](#)

1 Image

1 Publication

## Overview

Quantity:	100 µg
Target:	HNF1B
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HNF1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

## Product Details

Purpose:	TCF2 / VHNF1
Immunogen:	Peptide with sequence C-QAYDRQKNPSKEER, from the internal region of the protein sequence according to NP_000449.1, NP_001159395.1.
Sequence:	QAYDRQKNPS KEER
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_000449.1, NP_001159395.1). This product may cross-react with HNF1A.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat, Zebrafish (Danio rerio)
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: HNF1B

Alternative Name: HNF1B ([HNF1B Products](#))

Background: TCF2, VHNF1, transcription factor 2, hepatic LF-B3 variant hepatic nuclear factor, FJHN, HNF1B, HNF1beta, HNF2, LFB3, MODY5, transcription factor 2

Gene ID: 6928, 21410, 25640

NCBI Accession: [NP\\_000449](#), [NP\\_001159395](#)

Pathways: [Hormone Transport](#), [Stem Cell Maintenance](#), [Tube Formation](#)

## Application Details

Application Notes: Western Blot: Approx 60 kDa band observed in Human Liver lysates (calculated MW of 61.3 kDa according to NP\_000449.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed.  
Peptide ELISA: antibody detection limit dilution 1:64000.

Comment: **Immunocytochemistry:** A customer found positive results in ICC on Human primitive gut tube from Human embryonic stem cells.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

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: Minimize freezing and thawing.

Storage: -20 °C

## Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Publications

Product cited in: Arenas, Hervias, Uriz, Joplin, Prieto, Medina: "Combination of ursodeoxycholic acid and glucocorticoids upregulates the AE2 alternate promoter in human liver cells." in: **The Journal of clinical investigation**, Vol. 118, Issue 2, pp. 695-709, (2008) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** ABIN334505 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.