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Datasheet for ABIN334505 anti-HNF1B antibody (Internal Region)

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	
lsotype:	lgG	
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.	

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Product Details

Grade:

Verified

Target Details

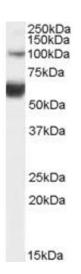
Target:	HNF1B	
Alternative Name:	HNF1B (HNF1B Products)	
Background:	TCF2, VHNF1, transcription factor 2, hepatic LF-B3 variant hepatic nuclear factor, FJHN,	
	HNF1B, HNF1beta, HNF2, LFB3, MODY5, transcription factor 2	
Gene ID:	6928, 21410, 25640	
NCBI Accession:	NP_000449, NP_001159395	
Pathways:	Hormone 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 μ g/mL. Primary incubation	
	was 1 hour. An additional band of unknown identity was also consistently ob	
	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	

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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 Blot	
western blot	

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