

GOAT ANTI-TCF2 / VHNF1 ANTIBODY

SKU: EB07588



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	transcription factor 2 MODY5 LFB3 HNF2 HNF1beta HNF1B FJHN transcription factor 2, hepatic LF-B3 variant hepatic nuclear factor VHNF1 TCF2
Usage Summary	Immunocytochemistry: A customer found positive results in ICC on Human primitive gut tube from Human embryonic stem cells.
Accession ID	NP_000449.1; NP_001159395.1
Blocking Peptide	EBP07588
Immunogen	Peptide with sequence C-QAYDRQKNPSKEER, from the internal region of the protein sequence according to NP_000449.1; NP_001159395.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_000449.1; NP_001159395.1). This product may cross-react with HNF1A.
Peptide Sequence	C-QAYDRQKNPSKEER
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow, Zebrafish
Reactive Species	Human, Mouse
Human Gene ID	6928
Mouse Gene ID	21410
Rat Gene ID	25640
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 60kDa band observed in Human Liver lysates (calculated MW of 61.3kDa according to NP_000449.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 100kDa. This band was successfully blocked by incubation with the immunising peptide. This antibody was successfully used in WB on Mouse in the following paper: Arenas F et al. (2008) PMID: 18188457.

Application
Type Pep-ELISA, WB, ICC

SELECTED REFERENCES

[{"pmid": 36522156, "intro": "**This antibody has been successfully used in WB in the following paper:**", "title": "HNF1B Alters an Evolutionarily Conserved Nephrogenic Program of Target Genes", "author": "Kelli Grand, Martine Stoltz, Ludovica Rizzo, Ruth Röck, Michael M Kaminski, Gabriela Salinas, Maike Getwan, Thomas Naert, Roman Pichler, Soeren S Lienkamp", "journal": "J Am Soc Nephrol. 2023 Mar 1;34(3):412-432."}, {"pmid": 18188457, "intro": "**This antibody has been successfully used in Western blot on Mouse:**", "title": "Combination of ursodeoxycholic acid and glucocorticoids upregulates the AE2 alternate promoter in human liver cells.", "author": "Arenas F, Hervias I, Uriz M, Joplin R, Prieto J, Medina JF.", "journal": "J Clin Invest. 2008 Feb;118(2):695-709."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

