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GOAT ANTI-TCF2 / VHNF1 ANTIBODY

SKU: EB07588



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250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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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

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

Alias Names transcription factor 2|MODY5|LFB3|HNF2|HNF1beta|HNF1B|FJHN|transcription factor 2, hepatic LF-B3 variant

hepatic nuclear factor|VHNF1|TCF2

Immunocytochemistry: A customer found positive results in ICC on Human primitive gut Usage

tube from Human embryonic stem cells. Summary

Accession

ID

NP_000449.1; NP_001159395.1

Blocking

Peptide

EBP07588

Peptide with sequence C-QAYDRQKNPSKEER, from the internal region of the protein sequence according to **Immunogen**

NP_000449.1; NP_001159395.1.

Product This antibody is expected to recognize both reported isoforms (NP 000449.1; NP 001159395.1). This product

Comments may cross-react with HNF1A.

Peptide

C-QAYDRQKNPSKEER Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Pig, Cow, Zebrafish **Species**

Reactive

Species

Human, Mouse

Human

6928 Gene ID

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

Western

Antibody detection limit dilution 1:64000.

Limit

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.





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Application TypePep-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."}]

GALLERY IMAGES



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