www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-NR5A2 / LRH1 ANTIBODY

SKU: EB12283

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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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	nuclear receptor subfamily 5 group A member 2|nuclear receptor NR5A2|liver receptor homolog-1|liver receptor homolog 1|liver nuclear receptor homolog-1 variant 2|hepatocytic transcription factor|fetoprotein-alpha 1 (AFP) transcription factor|b1-binding factor, hepatocyte transcription factor which activates enhancer II of hepatitis B virus|alpha-1-fetoprotein transcription factor|CYP7A promoter-binding factor|hB1F-2|LRH1|LRH-1|FTZ-F1beta|FTZ-F1|FTF|CPF|B1F2|B1F|nuclear receptor subfamily 5, group A, member 2|NR5A2
Usage Summary	Immunohistochemistry: This antibody has been successfully used in IHC on Mouse.
Accession ID	NP_995582.1; NP_003813.1
Blocking Peptide	EBP12283
Immunogen	Peptide with sequence C-TDYDRSPFVTSPIS, from the internal region of the protein sequence according to NP_995582.1; NP_003813.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_995582.1; NP_003813.1).
Peptide Sequence	C-TDYDRSPFVTSPIS
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
Reactive Species	Human, Mouse, Pig
Human Gene ID	2494
Mouse Gene ID	26424
Rat Gene ID	60349
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 1:128000.

Western Blot	Approx 55kDa band observed in nuclear lysates of cell lines HeLa and HepG2, and approx 60kDa band observed in Pig Ovary lysates (calculated MW of 56.5kDa according to Human NP_003813.1 and Pig AFD98842.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Liver and NIH-3T3 cell line for this particular batch.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 39438459, "intro": "**This antibody has been successfully used in IHC on Mouse:**", "title": "Hepatocyte-specific NR5A2 deficiency induces pyroptosis and exacerbates non-alcoholic steatohepatitis by downregulating ALDH1B1 expression", "author": "Rong Zhao, Zizhen Guo, Kaikai Lu, Qian Chen, Farooq Riaz, Yimeng Zhou, Luyun Yang, Xiaona Cheng, Litao Wu, Kexin Cheng, Lina Feng, Sitong Liu, Xiaodan Wu, Minghua Zheng, Chunyan Yin, Dongmin Li", "journal": "Cell Death Dis. 2024 Oct 23;15(10):770."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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