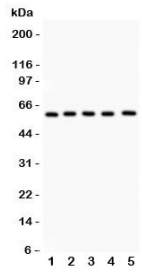
LRH-1 Antibody (R31711)

Catalog No.	Formulation	Size
R31711	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
Gene ID	2494
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml
Limitations	This LRH-1 antibody is available for research use only.



LRH-1 Antibody Human, Mouse and Rat WB. Western blot analysis of human, rat, and mouse samples using LRH-1 Antibody. Lane 1: A549 human lung carcinoma cells. Lane 2: Caco-2 human colorectal adenocarcinoma cells. Lane 3: MCF-7 human breast adenocarcinoma cells. Lane 4: HepG2 human hepatocellular carcinoma cells. Lane 5: rat liver tissue. Lane 6: RH35 rat hepatoma cells. Lane 7: mouse liver tissue. Lane 8: HEPA1-6 mouse hepatoma cells. A prominent immunoreactive band is detected at approximately 70 kDa, compared with the predicted molecular weight of approximately 61 kDa. The higher apparent molecular weight is consistent with post-translational modifications, including phosphorylation and SUMOylation, which have been reported to influence NR5A2/LRH-1 mobility during SDS-PAGE. These results demonstrate that this LRH-1 Antibody, an NR5A2 Antibody, detects endogenous LRH-1 across human, mouse, and rat samples and is suitable for Western blot analysis.

Description

LRH-1 Antibody detects NR5A2 (nuclear receptor subfamily 5, group A, member 2) also known as liver receptor

homolog-1 (LRH-1), a protein that in humans is encoded by the NR5A2 gene. This protein is a member of the nuclear receptor family of intracellular transcription factors. It plays a critical role in the regulation of development, cholesterol transport, bile acid homeostasis and steroidogenesis. LRH-1 is important for maintaining pluripotence of stem cells during embryonic development. Liver receptor homolog-1 has been shown to interact with the small heterodimer partner.

For additional LRH1/NR5A2 research antibodies validated by HuProt specificity analysis, flow cytometry, and immunohistochemistry, explore the broader LRH1 Antibody page featuring clone PCRP-NR5A2-1B8.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the LRH-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 44-237) was used as the immunogen for this NR5A2 / LRH-1 antibody.

Storage

After reconstitution, the LRH-1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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