

Anti-NR5A2/LRH1 Antibody Picoband®

Catalog Number: PB9298

About NR5A2

NR5A2 (nuclear receptor subfamily 5, group A, member 2) also known as liver receptor homolog-1 (LRH-1) is a protein that in humans is encoded by the NR5A2 gene. LRH-1 is a member of the nuclear receptor family of intracellular transcription factors. LRH-1 plays a critical role in the regulation of development, cholesterol transport, bile acid homeostasis and steroidogenesis. LRH-1 is important for maintaining pluripotency of stem cells during embryonic development. Liver receptor homolog-1 has been shown to interact with the small heterodimer partner.

Overview

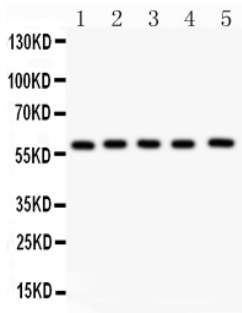
Product Name	Anti-NR5A2/LRH1 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-NR5A2/LRH1 Antibody Picoband® catalog # PB9298. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O00482

Technical Details

Immunogen	E.coli-derived human NR5A2 recombinant protein (Position: K44-R237). Human NR5A2 shares 95% amino acid (aa) sequence identity with both mouse and rat NR5A2.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used: Western blot, 0.1-0.5ug/ml, Human</p>

Anti-NR5A2/LRH1 Antibody Picoband® (PB9298) Images



Anti-NR5A2 Picoband antibody, PB9298, Western blotting
All lanes: Anti NR5A2 (PB9298) at 0.5ug/ml
Lane 1: PANC Whole Cell Lysate at 40ug
Lane 2: HEPG2 Whole Cell Lysate at 40ug
Lane 3: A549 Whole Cell Lysate at 40ug
Lane 4: SMMC Whole Cell Lysate at 40ug
Lane 5: HELA Whole Cell Lysate at 40ug
Predicted bind size: 61KD
Observed bind size: 61KD

1 Publications Citing This Product

1. PubMed ID: 21134435, Zhao W, Wen Hx, Zheng Hl, Sun Sx, Sun Dj, Ni J. J Ethnopharmacol. 2011 Mar 8;134(1):122-9. Doi: 10.1016/J.Jep.2010.11.073. Epub 2010 Dec 4. Action Mechanism Of Zuo Gui Yin Decoction'S Promotion On Estradiol Production In Rats During The Peri-Menop...

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