Datasheet for ABIN7600437

anti-NR5A2 + LRH1 antibody (AA 192-508)

Go to Product page

Overview

Quantity:	100 µg
Target:	NR5A2 + LRH1 (NR5A2)
Binding Specificity:	AA 192-508
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR5A2 + LRH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NR5A2 Antibody Picoband®
Immunogen:	E.coli-derived human NR5A2 recombinant protein (Position: K192-A508).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NR5A2 Antibody Picoband® (ABIN7600437). Tested in ELISA, IHC, WB, Flow Cytometry 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	NR5A2 + LRH1 (NR5A2)
Alternative Name:	NR5A2 (NR5A2 Products)
Background:	Synonyms: Forkhead box protein P2,CAG repeat protein 44,Trinucleotide repeat-containing gene 10 protein,FOXP2,CAGH44, TNRC10, Tissue Specificity: Isoform 1 and isoform 6 are expressed in adult and fetal brain, caudate nucleus and lung. . Background: 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 intracellulartranscription factors. LRH-1 plays a critical role in the regulation of development,cholesterol transport, bile acid homeostasis andsteroidogenesis. 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.
Molecular Weight:	70 kDa
Gene ID:	2494
UniProt:	O00482
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Goodwin, B., Jones, S. A., Price, R. R., Watson, M. A., McKee, D. D., Moore, L. B., Galardi, C., Wilson, J. G., Lewis, M. C., Roth, M. E., Maloney, P. R., Willson, T. M., Kliewer, S. A. A regulatory cascade of the nuclear receptors FXR, SHP-1, and LRH-1 represses bile acid biosynthesis. Molec. Cell 6: 517-526, 2000. 2. Gu, P., Goodwin, B., Chung, A. C. -K., Xu, X., Wheeler, D. A., Price, R. R., Galardi, C., Peng, L., Latour, A. M., Koller, B. H., Gossen, J., Kliewer, S. A., Cooney, A. J. (2005). "Orphan Nuclear Receptor LRH-1 is Required to Maintain Oct4 Expression at the Epiblast Stage of Embryonic Development". Molecular and Cellular Biology 25(9): 3492-3505.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	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 freezing and thawing.