

Product datasheet for **TA310732**

NR5A2 Rabbit Monoclonal Antibody [Clone ID: EPR7000]

Product data:

Product Type:	Primary Antibodies
Clone Name:	EPR7000
Applications:	WB
Recommended Dilution:	WB: 1:1000 - 1:10000
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to residues in human NR5A2 was used as an immunogen.
Formulation:	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
Purification:	Tissue culture supernatant
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	nuclear receptor subfamily 5 group A member 2
Database Link:	NP_003813 Entrez Gene 26424 Mouse Entrez Gene 60349 Rat Entrez Gene 2494 Human O00482
Background:	NR5A2 is a nuclear receptor originally identified in the liver and mostly known for its regulatory role in cholesterol and bile acid homeostasis. It is a key regulator of intestinal function, coordinating unanticipated actions, such as cell renewal and local immune function with important implications to common intestinal diseases, including colorectal cancer and inflammatory bowel disease. Unlike most of the other nuclear receptors, liver NR5A2 acts as a constitutively active transcription factor (1). Furthermore, NR5A2 functions in steroidogenesis in the gonad and intestine (2).



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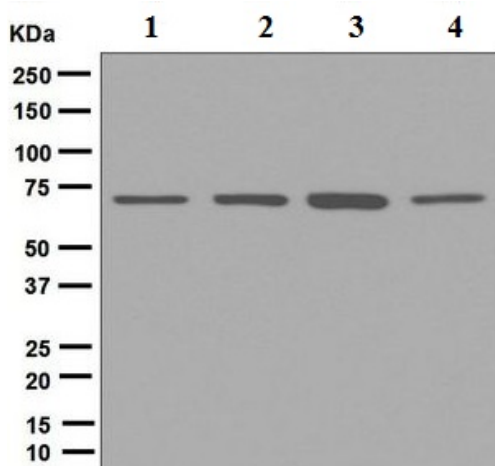
Synonyms: B1F; B1F2; CPF; FTF; FTZ-F1; FTZ-F1beta; hB1F-2; LRH-1; LRH1

Note: Is unsuitable for Flow Cyt, ICC, IHC-P or IP.

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:



Western blot - Anti-NR5A2 / LRH1 antibody [EPR7000]; All lanes : Anti-NR5A2 / LRH1 antibody [EPR7000] at 1/1000 dilution. Lane 1 : HeLa cell lysate. Lane 2 : BxPC3 cell lysate. Lane 3 : HepG2 cell lysate. Lane 4 : MCF7 cell lysate. Lysates/proteins at 10 ug per lane. Secondary. HRP labelled goat anti rabbit at 1/2000 dilution. Predicted band size : 61 kDa. Observed band size : 65 kDa.