

Anti-HNF-1 α Rabbit pAb

WL01444

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HNF-1 α Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Hepatocyte nuclear factor 1 α (HNF1 α , also known as TCF1 or MODY3) is a transcription factor that plays a role in the tissue-specific regulation of liver gene expression. HNF-1, HNF-3, HNF-4, and HNF-6 compose, in part, a homoeoprotein family designated the Hepatocyte Nuclear Factor family. Research has shown that heterogeneous mutations of HNF1 α are linked to maturity onset diabetes of the young. Recent studies indicate that increased concentrations of free fatty acids can reduce the expression of FoxA2/HNF3 β and HNF1 α in pancreatic β -cells and lead to their nuclear exclusion, resulting in symptoms of several metabolic syndromes.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HNF-1 α .

Purification

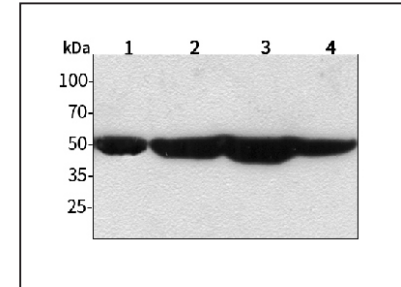
Polyclonal antibody was purified by immunogen affinity chromatography.

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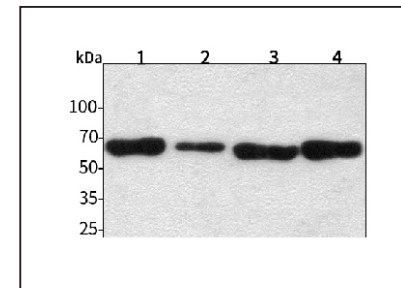
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Product Images

Western blot-Anti-HNF-1 α pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-HNF-1 α at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 67 kDa
 Observed band size: 67 kDa

Western blot-Anti-HNF-1 α pAb

Lane 1: Mouse lung tissue lysate
 Lane 2: Mouse liver tissue lysate
 Lane 3: Rat colon tissue lysate
 Lane 4: Rat skin tissue lysate
 All lanes: Anti-HNF-1 α at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 67 kDa
 Observed band size: 67 kDa