

Anti-HNF-4 α Rabbit pAb

WL01575

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HNF-4 α Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:150
Cellular localization	Nucleus	
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

HNF-1, HNF-3, HNF-4 and HNF-6 compose, in part, a homoeoprotein family designated the Hepatocyte Nuclear Factor family. The protein encoded by HNF-4 α gene is a nuclear transcription factor which binds DNA as a homodimer. It controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. HNF-4 α and HNF-4 γ have been shown to be important for early embryo development. HNF-4 α is expressed in liver, kidney, pancreas, small intestine, testis and colon; HNF-4 γ is expressed in each of these tissues except liver. Alternative splicing of HNF-4 α gene results in multiple transcript variants encoding several different isoforms.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HNF-4 α .

Purification

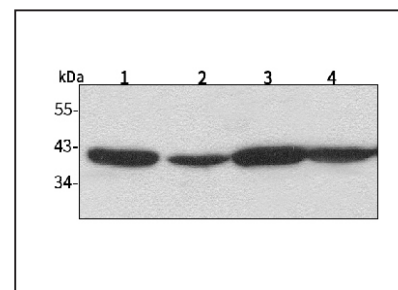
Polyclonal antibody was purified by immunogen affinity chromatography.

Anti-HNF-4 α Rabbit pAb

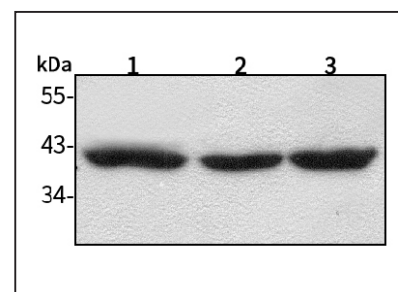
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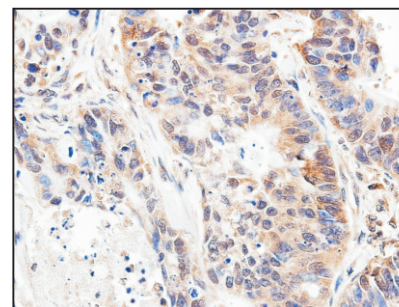
Product Images

Western blot-Anti-HNF-4 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-4 α at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 40 kDa
 Observed band size: 44-53 kDa

Western blot-Anti-HNF-4 α pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Rat heart tissue lysate
All lanes: Anti-HNF-4 α at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 40 kDa
 Observed band size: 44-53 kDa

Immunohistochemistry-Anti-HNF-4 α pAb

Immunohistochemical analysis of paraffin-embedded human stomach cancer using anti-HNF-4 α Rabbit Antibody at 1:150 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0