

HNF-4 α / γ (Acetyl Lys127/79) rabbit pAb**Cat#: orb771504 (Manual)**

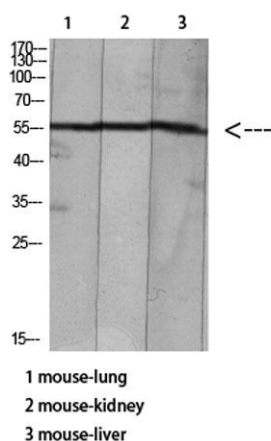
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Product Name	HNF-4 α / γ (Acetyl Lys127/79) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human:K127/79;Mouse:K127/79;Rat:K127
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthetic Acetyl peptide from human protein at AA range: 127(HNF-4 α)/79(HNF-4 γ)
Specificity	This antibody detects endogenous levels of HNF-4 α / γ at Human:K127/79;Mouse:K127/79;Rat:K127, It doesn't react with total protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Hepatocyte nuclear factor 4-alpha/gamma (HNF-4-alpha/gamma) (Nuclear receptor subfamily 2 group A member 1) (Transcription factor 14) (TCF-14) (Transcription factor HNF-4)
Gene Name	HNF4A HNF4 NR2A1 TCF14 HNF4G NR2A2
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	3172
Human Swiss-Prot Number	P41235/Q14541
Alternative Names	Hepatocyte nuclear factor 4-alpha (HNF-4-alpha) (Nuclear receptor subfamily 2 group A member 1) (Transcription factor 14) Hepatocyte nuclear factor 4-gamma (HNF-4-gamma) (Nuclear receptor subfamily 2 group A member 2)(TCF-14) (Transcription factor HNF-4)

Background

The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms. [provided by RefSeq, Apr 2012],



Western blot analysis of mouse-lung mouse-brain mouse-heart Hela mouse-liver lysate, antibody was diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000