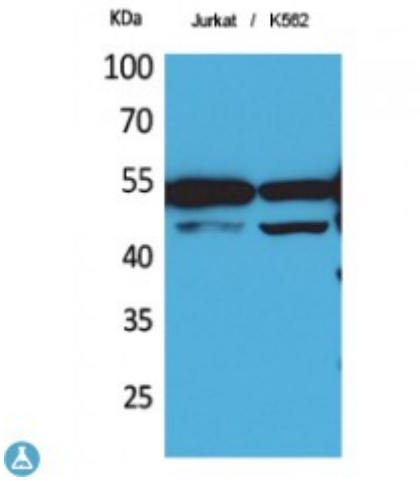
Anti-HNF- alpha/gamma antibody



Description	Rabbit polyclonal to HNF-4alpha/gamma.

Model	STJ96691
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human HNF-4alpha/gamma around the non-acetylation site of K127.
Gene ID	3172
Gene Symbol	HNF4A
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	HNF-4alpha/gamma Polyclonal Antibody detects endogenous levels of HNF-4alpha/gamma protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Hepatocyte nuclear factor 4-alpha HNF-4-alpha Nuclear receptor subfamily 2 group A member 1 Transcription factor 14 TCF-14 Transcription factor HNF-4
Molecular Weight	52 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5024OMIM:125850
Alternative Names	Hepatocyte nuclear factor 4-alpha HNF-4-alpha Nuclear receptor subfamily 2 group A member 1 Transcription factor 14 TCF-14 Transcription factor HNF-4
Function	Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha. May be essential for development of the liver, kidney and intestine.
Cellular Localization	Nucleus.
Post-translational Modifications	Phosphorylated on tyrosine residue(s); phosphorylation is important for its DNA-binding activity. Phosphorylation may directly or indirectly play a regulatory role in the subnuclear distribution. Phosphorylation at Ser-313 by AMPK reduces the ability to form homodimers and bind DNA. Acetylation at Lys-458 lowers transcriptional activation by about two-fold.