Best Tools for immunology Research

HNF-3α/β/γ Polyclonal Antibody

Catalog No :	YT5324
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	HNF-3α/β/γ
Gene Name :	FOXA1/FOXA2/FOXA3
Protein Name :	Hepatocyte nuclear factor 3-alpha/Hepatocyte nuclear factor 3-beta/Hepatocyte nuclear factor 3-gamma
Human Gene Id :	3169
Human Swiss Prot No :	P55317
Mouse Gene Id :	15375
Mouse Swiss Prot No :	P35582
Rat Gene Id :	25098
Rat Swiss Prot No :	P23512
Immunogen :	The antiserum was produced against synthesized peptide derived from human FOXA1 around the non-acetylation site of Lys265. AA range:231-280
Specificity :	HNF-3α/β/γ Polyclonal Antibody detects endogenous levels of HNF-3α/β/γ protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 50kD

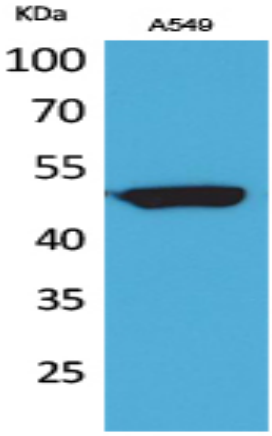
Background : This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. [provided by RefSeq, Jul 2008],

Function : function:Transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes.,online information:Hepatocyte nuclear factors entry,similarity:Contains 1 fork-head DNA-binding domain.,

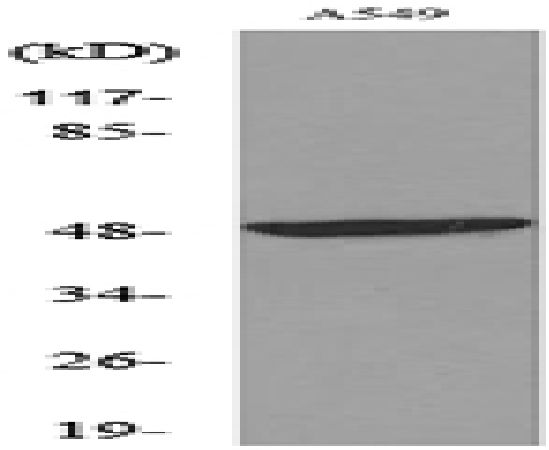
Subcellular Location : Nucleus .

Expression : Highly expressed in prostate and ESR1-positive breast tumors. Overexpressed in esophageal and lung adenocarcinomas.

Products Images



Western Blot analysis of A549 cells using HNF-3α/β/γ Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from A549 cells, using FOXA1 Antibody.