



# HNF-3 $\alpha$ / $\beta$ / $\gamma$ Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-02236
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	FOXA1/FOXA2/FOXA3
<b>Protein Name</b>	Hepatocyte nuclear factor 3-alpha/Hepatocyte nuclear factor 3-beta/Hepatocyte nuclear factor 3-gamma
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FOXA1 around the non-acetylation site of Lys265. AA range:231-280
<b>Specificity</b>	HNF-3 $\alpha$ / $\beta$ / $\gamma$ Monoclonal Antibody detects endogenous levels of HNF-3 $\alpha$ / $\beta$ / $\gamma$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq 90\%$
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	FOXA1; HNF3A; TCF3A; Hepatocyte nuclear factor 3-alpha; HNF-3-alpha; HNF-3A; Forkhead box protein A1; Transcription factor 3A; TCF-3A; FOXA2; HNF3B; TCF3B; Hepatocyte nuclear factor 3-beta; HNF-3-beta; HNF-3B; Forkhead box protein A2;Transcription factor 3B; TCF-3B; FOXA3; HNF3G; TCF3G; Hepatocyte nuclear factor 3-gamma; HNF-3-gamma; HNF-3G; Fork head-related protein FKH H3; Forkhead box protein A3; Transcription factor 3G; TCF-3G
<b>Observed Band</b>	50kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Highly expressed in prostate and ESR1-positive breast tumors. Overexpressed in esophageal and lung adenocarcinomas.
<b>Function</b>	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.,



## 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],

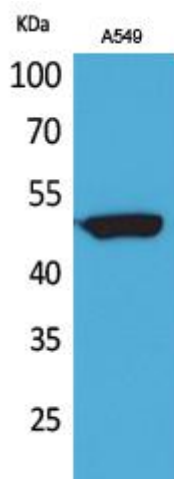
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using HNF-3  $\alpha$  /  $\beta$  /  $\gamma$  Monoclonal Antibody