



HNF-3 α Rabbit mAb

Catalog No	YP-rAb-17646
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	FOXA1
Protein Name	Hepatocyte nuclear factor 3-alpha
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	$\geq 90\%$
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	FOXA1 ; HNF3A ; TCF3A ; Hepatocyte nuclear factor 3-alpha ; HNF-3-alpha ; HNF-3A ; Forkhead box protein A1 ; Transcription factor 3A ; TCF-3A ;
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	Nucleus
Tissue Specificity	Highly expressed in prostate and ESR1-positive breast tumors. Overexpressed in esophageal and lung adenocarcinomas.
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],



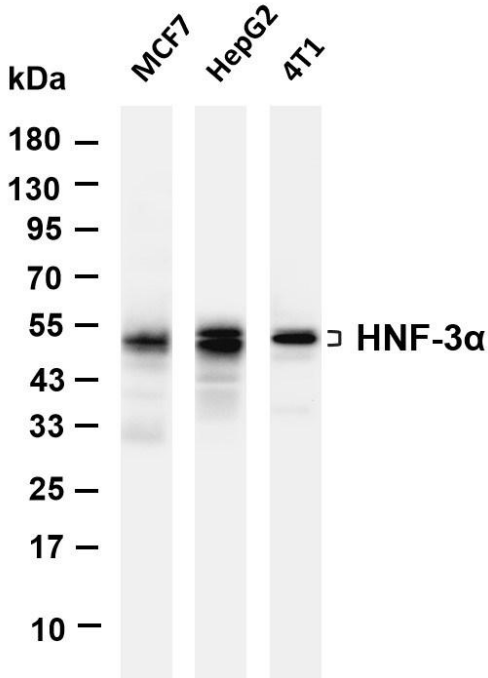


matters needing attention

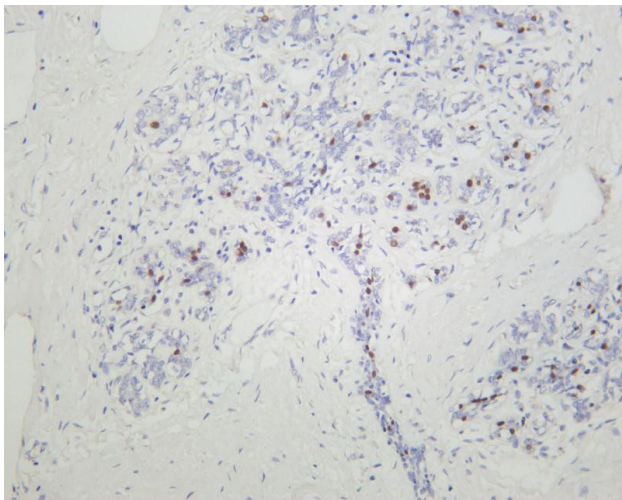
Avoid repeated freezing and thawing!

Usage suggestions

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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HNF-3 α antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: HepG2 Lane 3: 4T1 Predicted band size: 49kDa Observed band size: 49kDa



Human breast carcinoma was stained with anti-HNF-3 α rabbit antibody

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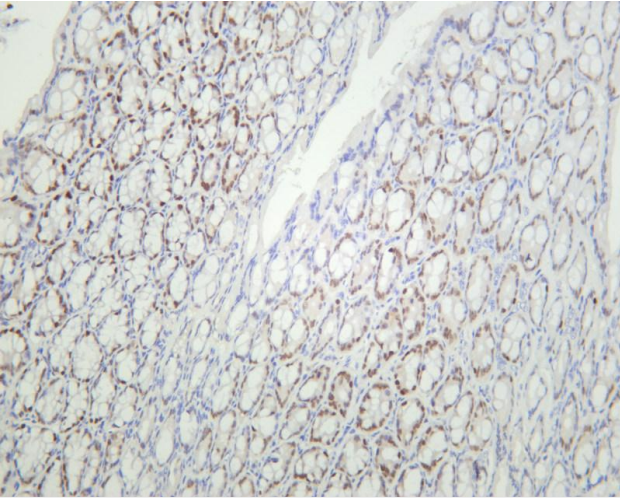
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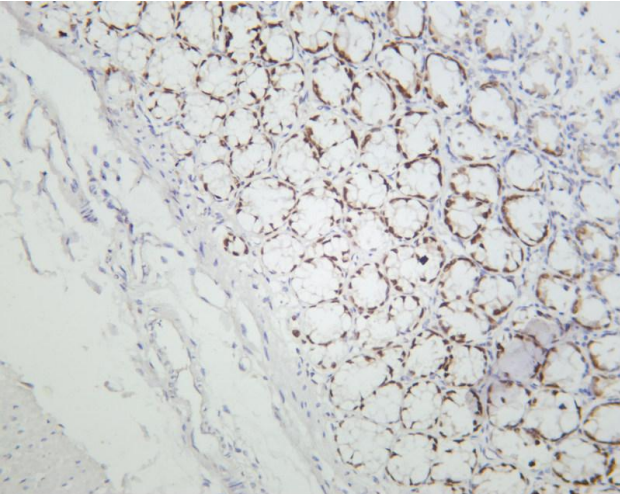
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Human colon was stained with anti-HNF-3 α rabbit antibody



Mouse colon was stained with anti-HNF-3 α rabbit antibody



Rat colon was stained with anti-HNF-3 α rabbit antibody

