



FoxA2 Rabbit mAb

Catalog No	YP-rAb-17290
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,IP,ELISA
Gene Name	FOXA2
Protein Name	Hepatocyte nuclear factor 3-beta
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:100-1:500; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	FoxA2;Hepatocyte nuclear factor 3-beta;FOXA2 ; HNF3B ; TCF3B ; Hepatocyte nuclear factor 3-beta ; HNF-3-beta ; HNF-3B ; Forkhead box protein A2 ; Transcription factor 3B ; TCF-3B
Observed Band	50kD
Calculated Molecular Weight	48kD
Cell Pathway	Nucleus .Cytoplasm . Shuttles between the nucleus and cytoplasm in a CRM1-de pendent manner; in response to insulin signaling via AKT1 is exported from the nucleus.
Tissue Specificity	Liver,Lung,
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.,subunit:Binds TLE1 .
Background	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes 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. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding



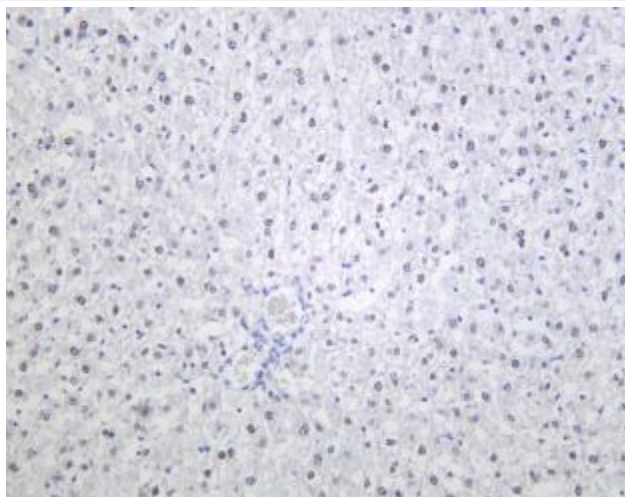
different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008],

matters needing attention

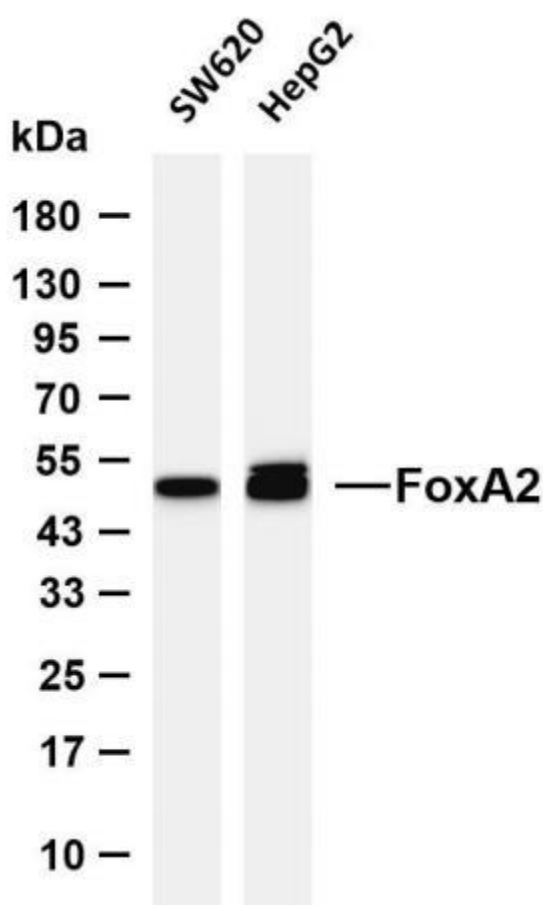
Avoid repeated freezing and thawing!

Usage suggestions

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



Rat liver was stained with anti-FoxA2 Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FoxA2 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: SW620 Lane 2: HepG2 Predicted band size: 48kDa Observed band size: 50kDa

