



FoxA2 Rabbit mAb

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| 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 ; 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-dependent 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 |





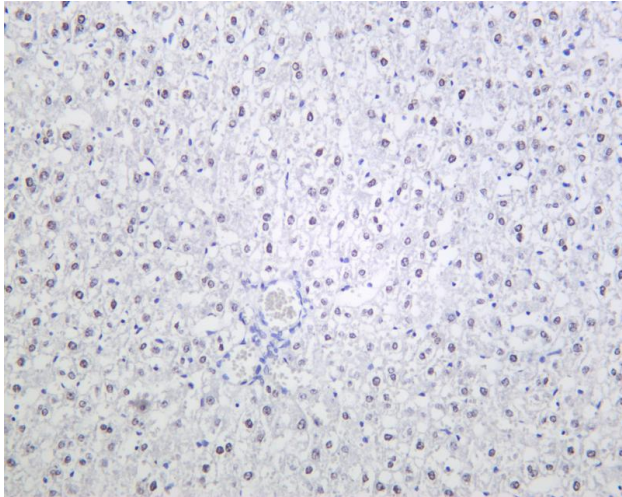
different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008],

matters needing attention

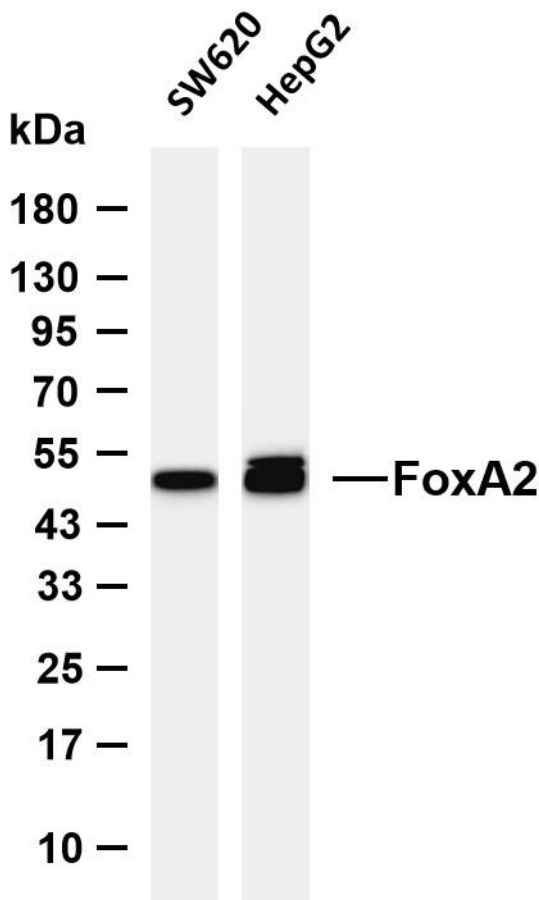
Avoid repeated freezing and thawing!

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

