



## Anti-FOXA1 (aa 367-472) polyclonal antibody (DPAB-DC1579)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	FOXA1 (NP_004487, 367 a.a. ~ 472 a.a) partial recombinant protein with GST tag. The sequence is  LASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNLMSSEQHQKLDKFAYEQALQY SPYGSTLPASLPLGSASVTRSPIEPSALEPAYYQGVYSRPVLNTS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">FOXA1 forkhead box A1 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	FOXA1
<b>Synonyms</b>	FOXA1; forkhead box A1; HNF3A; TCF3A; hepatocyte nuclear factor 3-alpha; HNF-3A; TCF-3A; HNF-3-alpha; forkhead box protein A1; transcription factor 3A;
<b>Entrez Gene ID</b>	<a href="#">3169</a>
<b>Protein Refseq</b>	<a href="#">NP_004487</a>
<b>UniProt ID</b>	<a href="#">P55317</a>
<b>Chromosome Location</b>	14q12-q13
<b>Pathway</b>	Direct p53 effectors; FOXA1 transcription factor network; Prostate Cancer;
<b>Function</b>	DNA binding; DNA binding, bending; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA bindin