



Anti-FOXA2 (aa 363-457) polyclonal antibody (DPAB-DC1581)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	FOXA2 (NP_068556, 363 a.a. ~ 457 a.a) partial recombinant protein with GST tag. The sequence is HLKPEHHYAFNHPFSINNLMSSQQHHSHHHQPHKMDLKAYEQVMHYPGYGSPMPGSL AMGPVTNKTGLDASPLAADTSYYQGVYSRPIMNSS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FOXA2 forkhead box A2 [Homo sapiens (human)]
Official Symbol	FOXA2
Synonyms	FOXA2; forkhead box A2; HNF3B; TCF3B; hepatocyte nuclear factor 3-beta; HNF-3B; TCF-3B; HNF-3-beta; forkhead box protein A2; transcription factor 3B; hepatic nuclear factor-3-beta; hepatocyte nuclear factor 3, beta;
Entrez Gene ID	3170
Protein Refseq	NP_068556
UniProt ID	B0ZTD4
Chromosome Location	20p11
Pathway	Cardiac Progenitor Differentiation; FOXA transcription factor networks; FOXA2 and FOXA3 transcription factor networks; Hedgehog signaling events mediated by Gli proteins
Function	DNA binding; DNA binding, bending; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity
