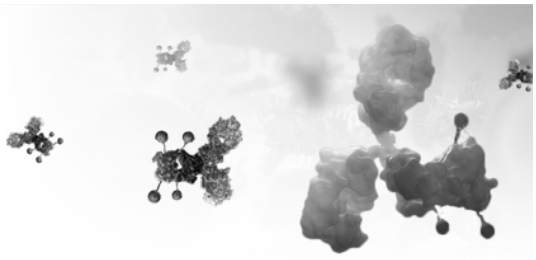

Mouse anti-Human FOXA3 monoclonal antibody, clone 2D7 (CABT-B10279)

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

PRODUCT INFORMATION

Immunogen	FOXA3 (NP_004488, 266 a.a. ~ 351 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2D7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	EDVGALDCGSPASSTPYFTGLELPGELKLDAPYNFNHPFSINNLMSEQTPAPPKLDVGFG GYGAEGGEPGVYYQGLYSRSLLNAS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

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	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. The crystal structure of a similar protein in rat has been resolved. [provided by RefSeq, Jul 2008]
Keywords	FOXA3; forkhead box A3; FKHH3; HNF3G; TCF3G; hepatocyte nuclear factor 3-gamma; HNF-3G; TCF-3G; HNF-3-gamma; forkhead box protein A3; transcription factor 3G; fork head-related protein FKH H3; hepatocyte nuclear factor 3, gamma;

GENE INFORMATION

Entrez Gene ID	3171
UniProt ID	P55318
Pathway	FOXA transcription factor networks, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem; Maturity onset diabetes of the young, conserved biosystem; Regulation of beta-cell development, organism-specific biosystem
Function	DNA bending activity; double-stranded DNA binding; protein domain specific binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific enhancer binding RNA polymerase II transcription factor activity; transcription factor binding; transcription regulatory region DNA binding

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