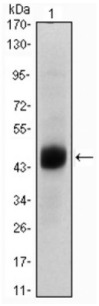
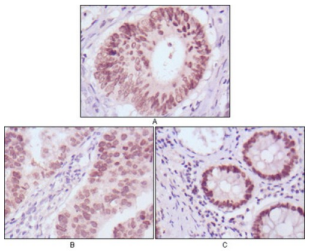
Hepatocyte Nuclear Factor 3-Beta (FOXA2) Antibody

Catalogue No.:abx010793



Western blot analysis using FOXA2 antibody against A549 (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon cancer (A), gastric cancer (B) and rectal cancer (C) tissues using FOXA2 antibody with DAB staining.

FOXA2 (forkhead box A2), also known as HNF3B (hepatocyte nuclear factor 3, beta). It is 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. FOXA2 has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for FOXA2.

Target:	Hepatocyte Nuclear Factor 3-Beta (FOXA2)
Research Area:	Signal Transduction
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of FOXA2 expressed in E. coli.

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Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9Y261 (UniProt, ExPASy)
Gene Symbol:	FOXA2
GeneID:	3170
OMIM:	600288
NCBI Accession:	NP_068556.2, NP_710141.1
HGNC:	5022
Ensembl:	ENSG00000125798
String:	9606.ENSP00000400341
Molecular Weight:	48 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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