

FOXM1 Polyclonal Antibody

Catalog number: 13147-1-AP

Size: 43 µg/150 µl

Source: Rabbit

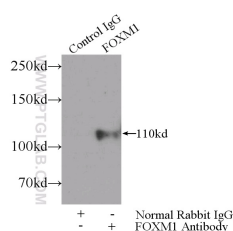
Isotype: IgG

Synonyms:

FOXM1; FKHL16, forkhead box M1, Forkhead box protein M1, FOXM1, FOXM1B, HFH 11, HFH11, HNF 3, HNF 3/fork head homolog 11, INS 1, M phase phosphoprotein 2, MPHOSP2, MPP 2, MPP2, PIG29, TGT3, Transcription factor Trident, TRIDENT, WIN



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 13147-1-AP(FOXM1 antibody) at dilution of 1:1000



IP Result of anti-FOXM1 (IP:13147-1-AP, 5µg; Detection:13147-1-AP 1:700) with L02 cells lysate 1560µg.

Background

Forkhead box M1 (FOXM1), also named HNF-3, HFH-11 or Trident, belongs to a superfamily of Fox transcription factors. FOXM1 is strongly associated with cell proliferation, it plays a important role in cell cycle progression by regulating both G1/S and G2/M phases, it is also involved in DNA damage repair, angiogenesis, apoptosis and tissue regeneration. Recently, crucial roles of this transcription factor were found in the development and progression of many cancers including colorectal, lung, prostate, liver and breast cancer. FOXM1 levels are significantly higher and associated with tumor grade in most human tumors, rendering it a potential target of cancer diagnosis and therapies. Catalog#13147-1-AP is rabbit polyclonal antibody raised against C-terminal of human FOXM1. And this antibody can recognize three kinds of FOXM1, FOXM1-pp(~95-110kDa), FOXM1-B(isoform2, ~83kDa) and FOXM1A(isoform4, ~90kDa)

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated FOXM1 MW:	83 kDa
Observed FOXM1 MW:	110 kDa
Positive WB detected in	Mouse thymus tissue, human testis tissue, L02 cells, mouse colon tissue, mouse spleen tissue, mouse testis tissue
Positive IP detected in	L02 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3729
GenBank accession number:	BC006192
Gene ID (NCBI):	2305
Full name:	Forkhead box M1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.