

For Research Use Only

FOXM1 Polyclonal antibody

Catalog Number: 13147-1-AP

Featured Product

30 Publications



Basic Information

Catalog Number:

13147-1-AP

Size:

150UL, Concentration: 287 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3729

GenBank Accession Number:

BC006192

GeneID (NCBI):

2305

Full Name:

forkhead box M 1

Calculated MW:

83 kDa

Observed MW:

110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

ChIP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: mouse thymus tissue, L02 cells, mouse colon tissue, human testis tissue, mouse testis tissue, mouse spleen tissue, HeLa cells

IP: L02 cells,

Background Information

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 an 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)

Notable Publications

Author	Pubmed ID	Journal	Application
Mingjie Zhang	26342429	Eur J Pharmacol	WB
Zhiwang Song	31598398	Am J Cancer Res	WB, IHC
Boshi Wang	26510456	Nat Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

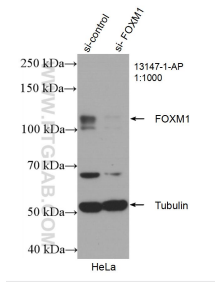
For technical support and original validation data for this product please contact:

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W: ptglab.com

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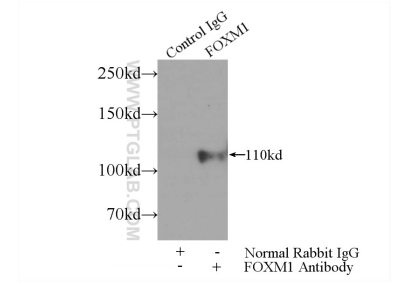
Selected Validation Data



WB result of FOXM1 antibody (13147-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FOXM1 transfected HeLa cells.



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 13147-1-AP (FOXM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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