

FOXM1 Rabbit pAb

Catalog No.: A2493

8 Publications

Basic Information

Observed MW

110kDa

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, CHIP

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a transcriptional activator involved in cell proliferation. The encoded protein is phosphorylated in M phase and regulates the expression of several cell cycle genes, such as cyclin B1 and cyclin D1. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ChIP 5µg antibody for
10µg-15µg of Chromatin

Immunogen Information

Gene ID

2305

Swiss Prot

Q08050

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-128 of human FOXM1 (NP_068772.2).

Synonyms

MPP2; HFH11; HNF-3; INS-1; MPP-2; PIG29; FKHL16; FOXM1A; FOXM1B; FOXM1C; HFH-11; TRIDENT; MPHOSPH2; FOXM1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

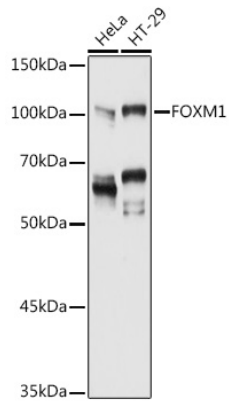
Affinity purification

Storage

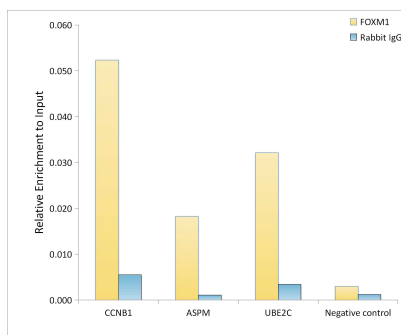
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

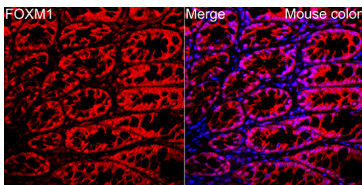
Validation Data



Western blot analysis of various lysates using FOXM1 Rabbit pAb (A2493) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Chromatin immunoprecipitation analysis of extracts of 293T cells, using FOXM1 antibody (A2493) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunofluorescence analysis of paraffin-embedded Mouse colon tissue using FOXM1 Rabbit pAb(A2493) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.