

## FoxM1 (Phospho Ser35) rabbit pAb

Catalog No: YP1336

**Reactivity:** Human; Rat; Mouse;

**Applications:** WB

Target: FoxM1

Fields: >>Cellular senescence

Gene Name: FOXM1 FKHL16 HFH11 MPP2 WIN

Protein Name: FoxM1 (Ser35)

Human Gene ld: 2305

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

Rat Swiss Prot No: F

: P97691

Q08050

O08696

Immunogen: Synthesized phosho peptide around human FoxM1 (Ser35)

**Specificity:** This antibody detects endogenous levels of Human FoxM1 (phospho-Ser35)

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:1000-2000

**Purification:** The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.

Concentration: 1 mg/ml

1/2

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band:

83kD

**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. [provided by RefSeq, Jul 2011],

**Function:** 

alternative products:Isoform 1 and isoform 2 appear to be the only activators of gene transcription. Isoform 3, found in rat, does not seem to exist in human,developmental stage:Embryonic expression pattern: liver, lung, intestine, kidney, urinary tract; adult expression pattern: intestine, colon, testis and thymus.,domain:Within the protein there is a domain which acts as a transcriptional activator. Insertion of a splicing sequence within it inactivates this transcriptional activity, as it is the case for isoform 4.,function:Transcriptional activatory factor. May play a role in the control of cell proliferation.,induction:Induced during liver regeneration and oxidative stress.,PTM:Phosphorylated in M (mitotic) phase.,similarity:Contains 1 fork-head DNA-binding domain.,tissue specificity:Expressed in thymus, testis, small intestine, colon followed by ovary. Appears to be expressed only

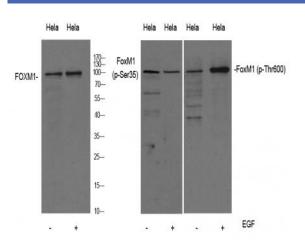
Subcellular Location :

Nucleus.

**Expression:** 

Expressed in thymus, testis, small intestine, colon followed by ovary. Appears to be expressed only in adult organs containing proliferating/cycling cells or in response to growth factors. Also expressed in epithelial cell lines derived from tumors. Not expressed in resting cells. Isoform 2 is highly expressed in testis.

## **Products Images**



Western Blot analysis of Hela cell lysis treated or untreated by EGF 20ng/ml 30'.. Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS23920 was diluted at 1:10000