Product datasheet

Anti-FOXM1 antibody ab180710

Overview

Product name: Anti-FOXM1 antibody
Description: Rabbit polyclonal to FOXM1
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Recombinant fragment corresponding to Human FOXM1 aa 1-350 (N terminal). Database link: Q08050
Positive control: Extracts from OVCAR3, 22RV-1 and SW480 cell lines, as well as mouse testis and mouse spleen.

Properties

Form: Liquid
Storage buffer: pH: 7.3
Preservative: 0.02% Sodium azide
 Constituents: 50% Glycerol, 49% PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab180710 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Function
Transcriptional activatory factor. May play a role in the control of cell proliferation.

Tissue specificity
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.

Sequence similarities
Contains 1 fork-head DNA-binding domain.

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.

Post-translational modifications
Phosphorylated in M (mitotic) phase.

Cellular localization
Nucleus.

Images

Western blot - Anti-FOXM1 antibody (ab180710)

All lanes: Anti-FOXM1 antibody (ab180710)
at 1/500 dilution

Lane 1: Extract from OVCAR3 cell line
Lane 2: Extracts from 22RV-1 cell line
Lane 3: Extracts from SW480 cell line
Lane 4: Extracts from mouse testis
Lane 5: Extracts from mouse spleen

Predicted band size: 84 kDa

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