

E2F1 Rabbit mAb

Catalog No.: A19579 **Recombinant** **7 Publications**

Basic Information

Observed MW

70kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0058

Background

The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein and another 2 members, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent/independent apoptosis.

Recommended Dilutions

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

1869

Swiss Prot

Q01094

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

RBP3; E2F-1; RBAP1; RBBP3; E2F1

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

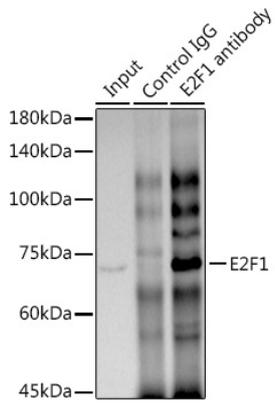
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunoprecipitation analysis of 300 μ g extracts of HT-29 cells using 3 μ g E2F1 antibody (A19579). Western blot was performed from the immunoprecipitate using E2F1 antibody (A19579) at a dilution of 1:1000.