

A20149

Leader in Biomolecular Solutions for Life Science



E2F4 Rabbit pAb

Catalog No.: A20149

Basic Information

Observed MW

Refer to figures

Calculated MW

44kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

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 binds to all three of the tumor suppressor proteins pRB, p107 and p130, but with higher affinity to the last two. It plays an important role in the suppression of proliferation-associated genes, and its gene mutation and increased expression may be associated with human cancer.

Recommended Dilutions

WB 1:1000 - 1:2000

Immunogen Information

Gene ID

1874

Swiss Prot

Q16254

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 89-198 of human E2F4 (NP_001941.2).

Synonyms

E2F-4; E2F4

Contact



www.abclonal.com

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.