

Anti-Transcription factor E2F3 E2F3 Antibody

Catalog Number: A03068-1

About E2F3

The E2F transcription factor 3 (E2F3) is a member of a small family of transcription factors that function through binding of DP interaction partner proteins. E2F3 recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle (1). Like the related E2F1 and E2F2, E2F3 is essential for cellular proliferation and progression through the cell cycle (2). Altered copy number and activity of this gene have been observed in a number of human cancers (3).

Overview

Product Name	Anti-Transcription factor E2F3 E2F3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Transcription factor E2F3 E2F3 Antibody (Catalog # A03068-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	E2F3 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	E2F3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	O00716

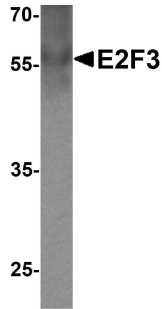
Technical Details

Immunogen	E2F3 antibody was raised against a 15 amino acid peptide near the center of human E2F3. The immunogen is located within amino acids 150 - 200 of E2F3.
Predicted Reactive Species	Bovine
Cross Reactivity	E2F3 antibody is human and mouse reactive. At least three isoforms of E2F3 are known to exist; this antibody will detect only the largest isoform. This antibody is predicted to not cross-react with other members of the E2F transcription factor family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	E2F3 antibody is affinity chromatography purified via peptide column.

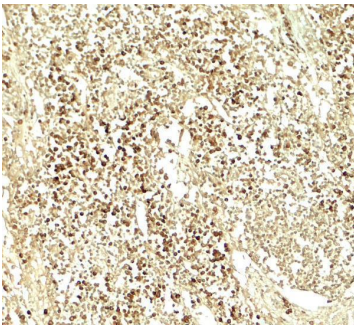
Suggested Dilutions

E2F3 antibody can be used for detection of E2F3 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

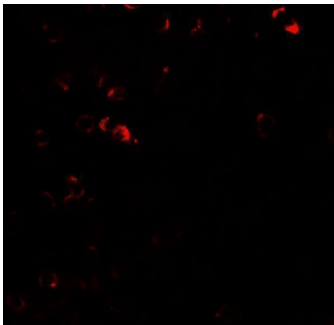
Anti-Transcription factor E2F3 E2F3 Antibody (A03068-1) Images



Western blot analysis of E2F3 in human lymph node tissue lysate with E2F3 antibody at 1 ug/ml.



Immunohistochemistry of E2F3 in human lymph node tissue with E2F3 antibody at 5 ug/ml.



Immunofluorescence of E2F3 in human lymph node tissue with E2F3 antibody at 20 ug/ml.

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