

Anti-Transcription factor E2F3 E2F3 Antibody

Catalog Number: PA2142

About E2F3

Transcription factor E2F3, also known as KIAA0075, is a protein that in humans is encoded by the E2F3 gene. The protein encoded by this gene is a member of the E2F family of transcription factors. By fluorescence in situ hybridization, E2F3 gene is mapped to 6q22.3. The induction of specific E2F activities is an essential component in the MYC pathways that control cell proliferation and cell fate decisions. This gene encodes a member of a small family of transcription factors that function through binding of DP interaction partner proteins. The encoded protein 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.

Overview

Product Name	Anti-Transcription factor E2F3 E2F3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Transcription factor E2F3 E2F3 Antibody catalog # PA2142. Tested in WB applications. This antibody reacts with Human, Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O00716

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human E2F3, identical to the related mouse sequence.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human, Mouse</p>

Anti-Transcription factor E2F3 E2F3 Antibody (PA2142) Images



Anti-E2F3 antibody, PA2142, Western blotting
All lanes: Anti E2F3 (PA2142) at 0.5ug/ml
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 49KD
Observed bind size: 49KD

2 Publications Citing This Product

1. PubMed ID: 20049626, Wang Py, Li Yj, Zhang S, Li Zl, Yue Z, Xie N, Xie Sy. Mol Cell Biochem. 2010 Jun;339(1-2):163-71. Doi: 10.1007/S11010-009-0380-2. Epub 2010 Jan 5. Regulating A549 Cells Growth By Aso Inhibiting Mirna Expression.

2. PubMed ID: 20428827, Xie Sy, Li Yj, Wang Py, Jiao F, Zhang S, Zhang Wj. Oncol Rep. 2010 Jun;23(6):1693-700. Mirna-Regulated Expression Of Oncogenes And Tumor Suppressor Genes In The Cisplatin-Inhibited Growth Of K562 Cells.

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