BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Transcription factor E2F3 E2F3 Antibody Picoband®

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.

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Overview

Product Name	Anti-Transcription factor E2F3 E2F3 Antibody Picoband®
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. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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

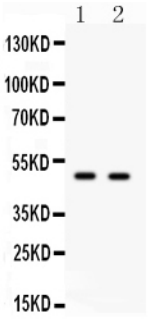
Technical Details

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Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human E2F3, identical to the related mouse sequence.
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	Western blot, 0.1-0.5ug/ml, Human, Mouse

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Anti-Transcription factor E2F3 E2F3 Antibody Picoband® (PA2142) Images



Anti-E2F3 antibody, PA2142, Western blottingAll lanes: Anti E2F3 (PA2142) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 49KDObserved bind size: 49KD

2 Publications Citing This Product

1. 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.

2. 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.

Visit bosterbio.com/anti-e2f3-antibody-pa2142-boster.html to see all 2 publications.

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