

Anti-Transcription factor E2F2 E2F2 Antibody Picoband®

Catalog Number: PA1810

About E2F2

E2F2 (E2F transcription factor 2) also called E2F-2, 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 E2F2 gene is mapped to 1p36 by fluorescence in situ hybridization. Electrophoretic mobility shift assays revealed the specific binding of E2F2 to ECE1b promoter sequences containing either allele of the C-338A polymorphism, with the -338A allele being associated with an increased affinity to E2F2 compared with -338C. The ability of Myc to induce S phase was impaired in the absence of either E2f2 or E2f3 but not E2f1 or E2f4. In contrast, the ability of Myc to induce apoptosis was markedly reduced in cells deleted for E2f1 but not E2f2 or E2f3.

Overview

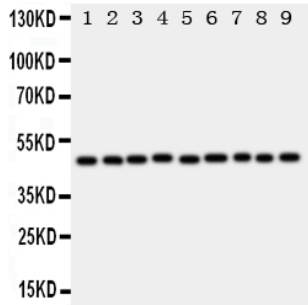
Product Name	Anti-Transcription factor E2F2 E2F2 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transcription factor E2F2 E2F2 Antibody catalog # PA1810. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium 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	Q14209

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human E2F2, 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, Rat, Mouse

Anti-Transcription factor E2F2 E2F2 Antibody Picoband® (PA1810) Images



Anti-E2F2 antibody, PA1810, Western blotting All lanes: Anti E2F2 (PA1810) at 0.5ug/ml Lane 1: Rat Lung Tissue Lysate at 50ug Lane 2: Rat Heart Tissue Lysate at 50ug Lane 3: Rat Brain Tissue Lysate at 50ug Lane 4: Rat Kidney Tissue Lysate at 50ug Lane 5: HELA Whole Cell Lysate at 40ug Lane 6: COLO320 Whole Cell Lysate at 40ug Lane 7: A549 Whole Cell Lysate at 40ug Lane 8: MCF-7 Whole Cell Lysate at 40ug Lane 9: SMMC Whole Cell Lysate at 40ug Predicted bind size: 48KD Observed bind size: 48KD

1 Publications Citing This Product

1. PubMed ID: 26378521, GCN5 Potentiates Glioma Proliferation and Invasion via STAT3 and AKT Signaling Pathways

Visit bosterbio.com/anti-e2f2-antibody-pa1810-boster.html to see all 1 publications.

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