

## Anti-GADD34/PPP1R15A Antibody Picoband®

Catalog Number: A02394-3

### About PPP1R15A

Protein phosphatase 1 regulatory subunit 15A also known as growth arrest and DNA damage-inducible protein GADD34 is a protein that in humans is encoded by the PPP1R15A gene.

### Overview

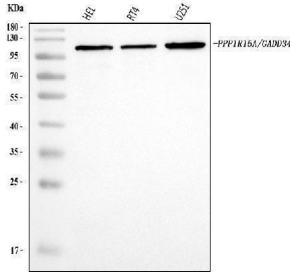
Product Name	Anti-GADD34/PPP1R15A Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-GADD34/PPP1R15A Antibody Picoband® catalog # A02394-3. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	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 freezing and thawing.
Host	Rabbit
Uniprot ID	O75807

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human GADD34/PPP1R15A, which shares 70.3% and 62.2% amino acid (aa) sequence identity with mouse and rat PPP1R15A, respectively.
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, 0.25-0.5 ug/ml, Human

## Anti-GADD34/PPP1R15A Antibody Picoband® (A02394-3) Images



Western blot analysis of GADD34/PPP1R15A using anti-GADD34/PPP1R15A antibody (A02394-3). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HEL whole cell lysates, Lane 2: human RT4 whole cell lysates, Lane 3: human U251 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GADD34/PPP1R15A antigen affinity purified polyclonal antibody (Catalog # A02394-3) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for GADD34/PPP1R15A at approximately 100 kDa. The expected band size for GADD34/PPP1R15A is at 73 kDa.

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Anti-GADD34/PPP1R15A Antibody

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