

Catalog #: 52351

Aliases

PPP1R15A; Protein Phosphatase 1 Regulatory Subunit 15A; GADD34; Myeloid Differentiation Primary Response Protein MyD116 Homolog; Protein Phosphatase 1, Regulatory (Inhibitor) Subunit 15A; Growth Arrest And DNA Damage-Inducible Protein GADD34; Growth Arrest And DNA-Damage-Inducible 34; Protein Phosphatase 1, Regulatory Subunit 15A

Background

Gene Name: PPP1R15A

NCBI Gene Entry: [23645](#)

UniProt Entry: [O75807](#)

Application Information

Molecular Weight: Predicted, 73 kDa; observed, 100 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human GADD34

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

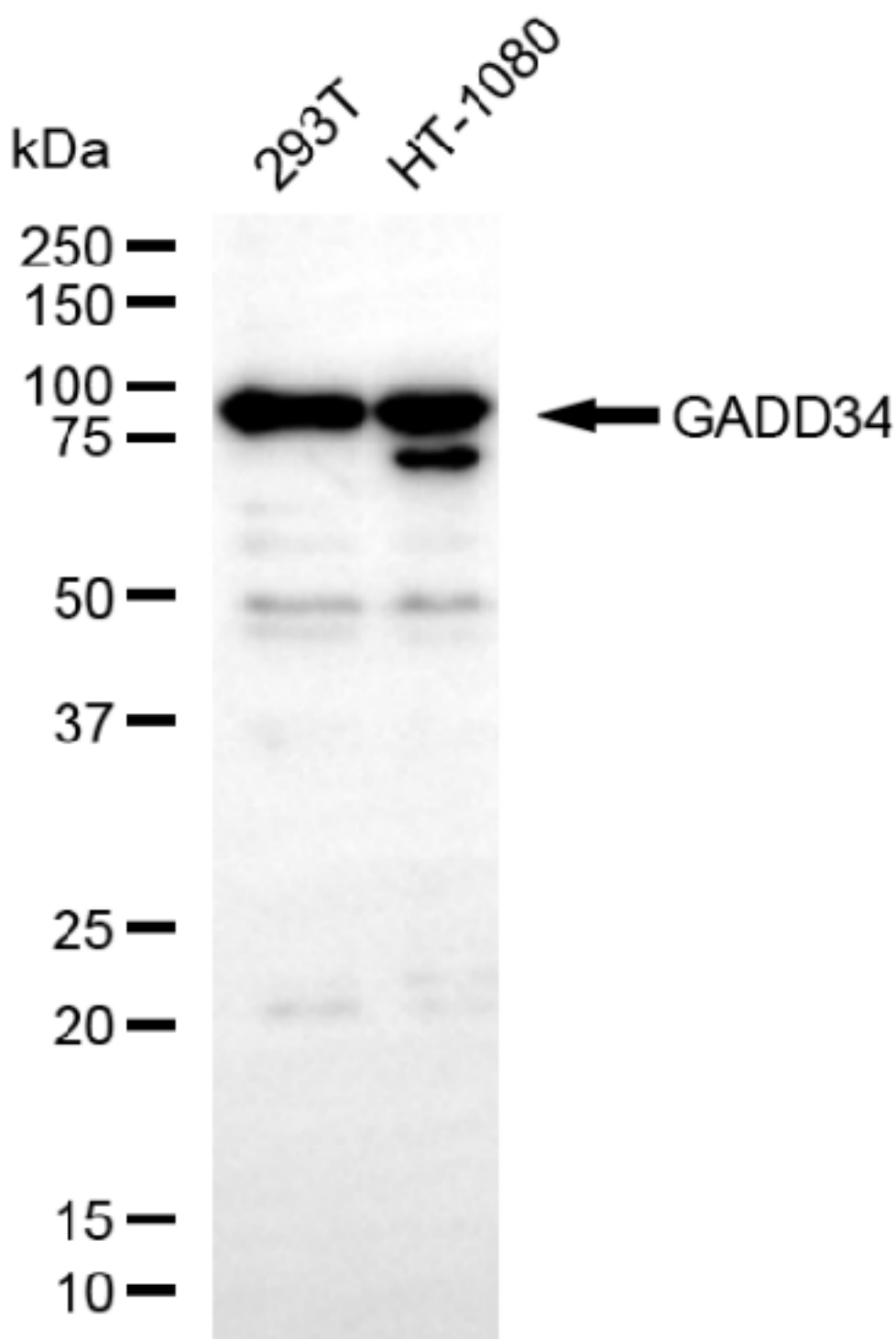
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Western blotting analysis using anti-GADD34 antibody (Cat#52351). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-GADD34 antibody (Cat#52351, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

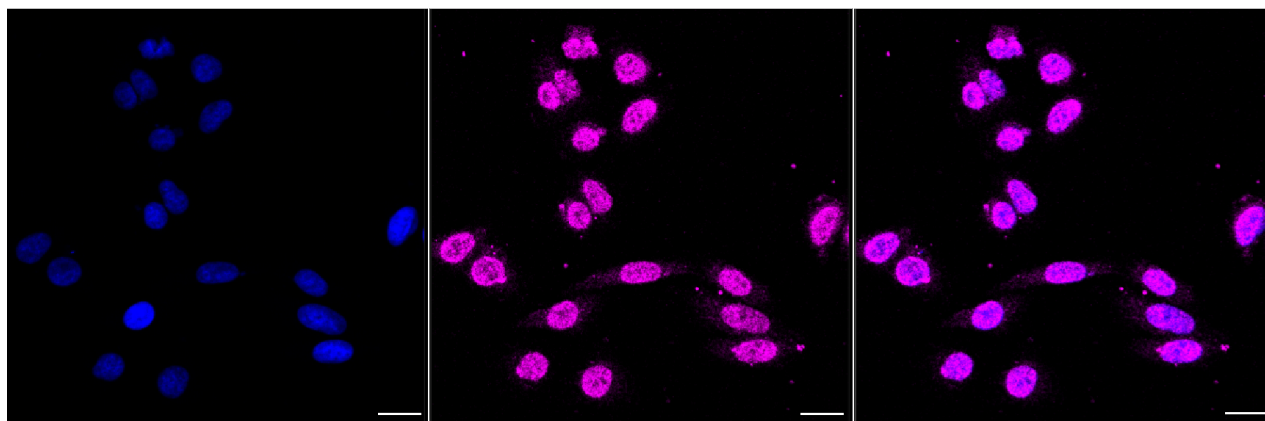
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Immunocytochemical staining of HepG2 cells with anti-GADD34 antibody (Cat#52351, 1:1,000). Nuclei were stained blue with DAPI; GADD34 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.

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