

Datasheet for ABIN7154468
anti-GADD45B antibody (AA 1-160)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	GADD45B
Binding Specificity:	AA 1-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Growth arrest and DNA damage-inducible protein GADD45 beta protein (1-160AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GADD45B
Alternative Name:	GADD45B (GADD45B Products)
Background:	Background: Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1/MEKK4 MAPKKK. Aliases: GA45B_HUMAN antibody, GADD45 Beta antibody, Gadd45b antibody, GADD45BETA

Target Details

antibody, Growth arrest and DNA damage inducible 45 beta antibody, Growth arrest and DNA damage inducible beta antibody, Growth arrest and DNA damage-inducible gene GADD45, beta antibody, Growth arrest and DNA damage-inducible protein GADD45 beta antibody, Growth arrest and DNA-damage-inducible protein GADD45 beta antibody, MY118 antibody, MYD118 antibody, MYD118, mouse, homolog of antibody, Myeloid differentiation primary response gene antibody, Myeloid differentiation primary response protein MyD118 antibody, Negative growth regulatory protein MyD118 antibody, Negative growth-regulatory protein MyD118 antibody

UniProt: [O75293](#)

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

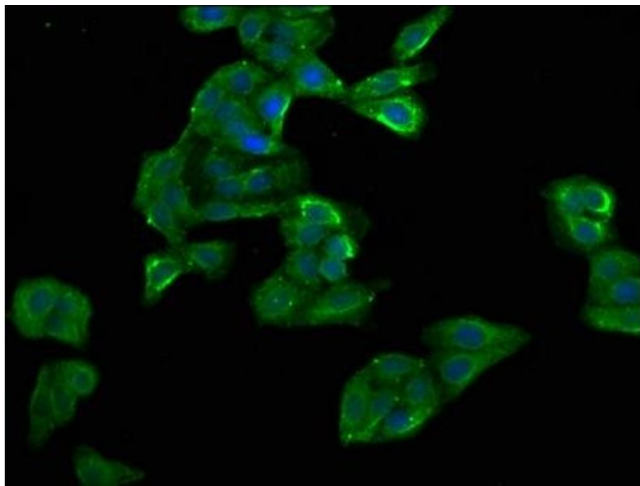
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

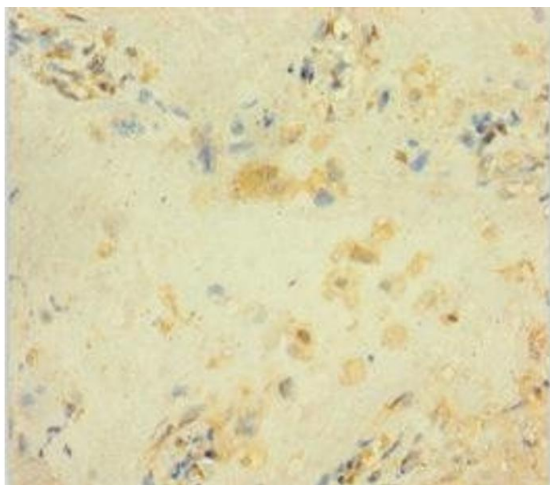
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7154468 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7154468 at dilution of 1:100