

Datasheet for ABIN7645088  
**anti-GADD34 antibody**



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## Overview

Quantity:	100 µL
Target:	GADD34 (PPP1R15A)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD34 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Protein Phosphatase 1, Regulatory Subunit 15A (PPP1R15A)
Immunogen:	RPC199Mu01Recombinant Protein Phosphatase 1, Regulatory Subunit 15A (PPP1R15A)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PPP1R15A. It has been selected for its ability to recognize PPP1R15A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	GADD34 (PPP1R15A)
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## Target Details

Alternative Name:	PPP1R15A ( <a href="#">PPP1R15A Products</a> )
Background:	PPP1-R15A, PPP1R15-A, PPP1-R15-A, GADD34, Growth Arrest And DNA-Damage-Inducible 34, Myeloid differentiation primary response protein MyD116 homolog
UniProt:	<a href="#">P17564</a>
Pathways:	<a href="#">ER-Nucleus Signaling</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.37 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.