



# GADD34 rabbit pAb

Cat No.:ES8613

For research use only

## Overview

<b>Product Name</b>	GADD34 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 430-490
<b>Specificity</b>	The antibody detects endogenous GADD34
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Protein phosphatase 1 regulatory subunit 15A (Growth arrest and DNA damage-inducible protein GADD34) (Myeloid differentiation primary response protein MyD116 homolog)
<b>Gene Name</b>	PPP1R15A GADD34
<b>Cellular localization</b>	Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side . Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side . Associates with membranes via an N-terminal amphipathic intramembrane region. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	73kD
<b>Human Gene ID</b>	23645
<b>Human Swiss-Prot Number</b>	O75807
<b>Alternative Names</b>	Protein phosphatase 1 regulatory subunit 15A (Growth arrest and DNA damage-inducible protein GADD34) (Myeloid differentiation primary response

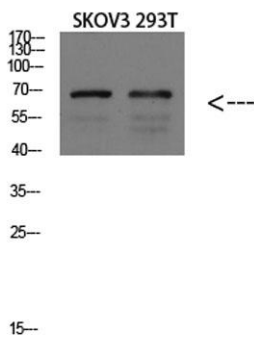




## Background

protein MyD116 homolog)

This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008],



Western blot analysis of MOUSE-BRAIN lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

