

Datasheet for ABIN7437917
anti-Actin, gamma 1 antibody (AA 1-375)

7 Images

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Overview

Quantity:	100 µL
Target:	Actin, gamma 1 (ACTG1)
Binding Specificity:	AA 1-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Actin, gamma 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Gamma Actin (ACTG)
Immunogen:	Recombinant Gamma Actin (ACTG) corresponding to Met1~Phe375 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ACTG. It has been selected for its ability to recognize ACTG in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

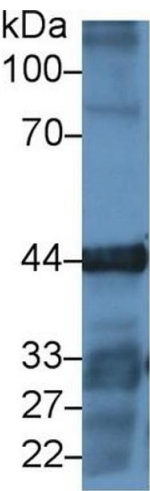
Target:	Actin, gamma 1 (ACTG1)
Alternative Name:	Gamma Actin (ACTG1 Products)
Background:	ACT, ACTB, ACTg1, DFNA20, DFNA26, deafness, autosomal dominant 20, deafness, autosomal dominant 26, Actin, cytoplasmic 2
Pathways:	Myometrial Relaxation and Contraction , Cell-Cell Junction Organization

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

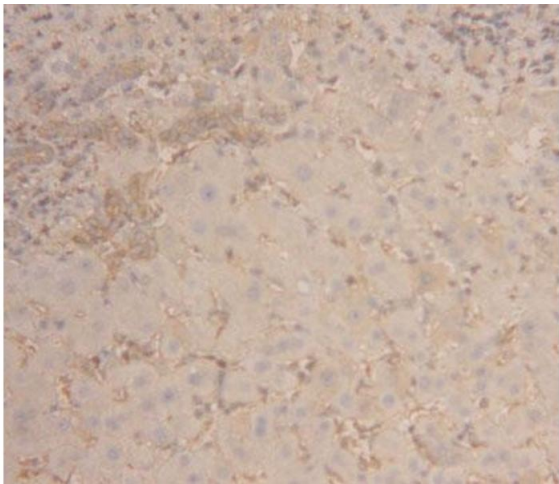
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.
Expiry Date:	24 months



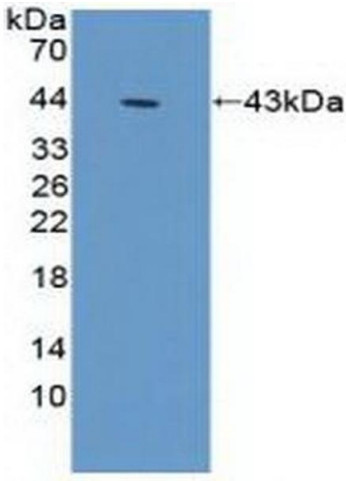
Western Blotting

Image 1. Detection of ACTG in Human A549 cell lysate using Polyclonal Antibody to Gamma Actin (ACTG)



Immunohistochemistry

Image 2. Detection of ACTG in Human Liver Tissue using Polyclonal Antibody to Gamma Actin (ACTG)



Western Blotting

Image 3. Detection of Recombinant ACTg1, Human using Polyclonal Antibody to Gamma Actin (ACTG)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7437917.