Datasheet for ABIN6995947

anti-ACTG2 antibody (AA 3-376)

7 Images

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Overview

Quantity:	200 µL
Target:	ACTG2
Binding Specificity:	AA 3-376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Actin Gamma 2, Smooth Muscle (ACTg2)
Immunogen:	Recombinant Actin Gamma 2, Smooth Muscle (ACTg2) corresdonding to Glu3~Phe376 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ACTg2. It has been selected for its ability to recognize ACTg2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ACTG2
Alternative Name:	Actin Gamma 2, Smooth Muscle (ACTG2 Products)
Background:	ACT, ACT-G2, ACTA3, ACTE, ACTL3, ACTSG, Alpha-actin-3

Application Details

Application Notes:	Western blotting: 0.5-2 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
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

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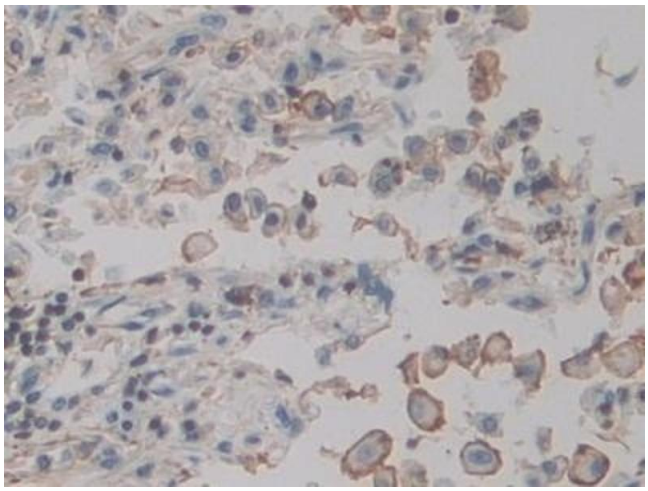
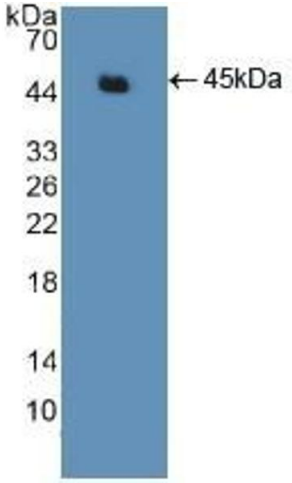


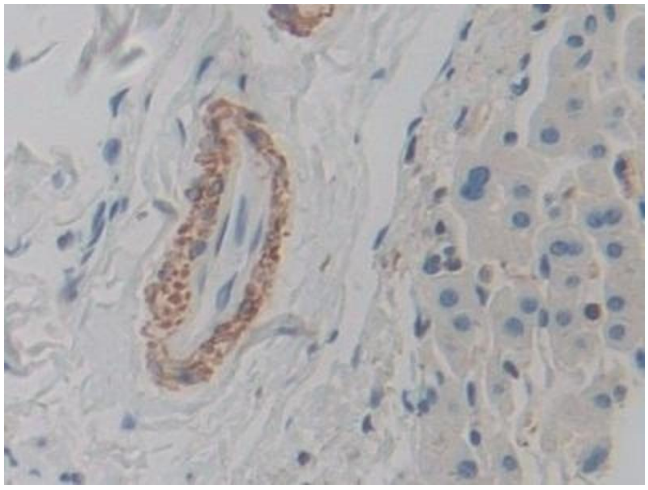
Immunohistochemistry

Image 1. Detection of ACTg2 in Human Lung Tissue using Polyclonal Antibody to Actin Gamma 2, Smooth Muscle (ACTg2)



Western Blotting

Image 2. Detection of Recombinant ACTg2, Human using Polyclonal Antibody to Actin Gamma 2, Smooth Muscle (ACTg2)



Immunohistochemistry

Image 3. Detection of ACTg2 in Human Liver Tissue using Polyclonal Antibody to Actin Gamma 2, Smooth Muscle (ACTg2)

Please check the product details page for more images. Overall 7 images are available for ABIN6995947.