

Datasheet for ABIN7441199
anti-CDC42 antibody (AA 1-188)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CDC42
Binding Specificity:	AA 1-188
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cell Division Cycle Protein 42 (CDC42)
Immunogen:	Recombinant Cell Division Cycle Protein 42 (CDC42) corresponding to Met1~Cys188
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CDC42. It has been selected for its ability to recognize CDC42 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

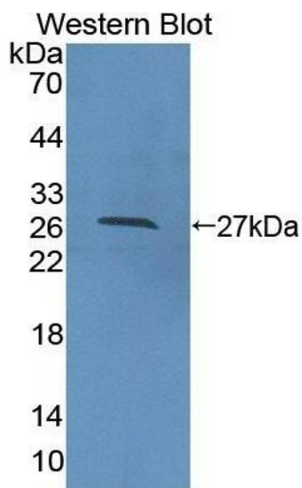
Target:	CDC42
Alternative Name:	Cell Division Cycle Protein 42 (CDC42 Products)
Background:	CDC42Hs, G25K, G25K GTP-binding protein
Pathways:	MAPK Signaling , Microtubule Dynamics , RTK Signaling , WNT Signaling , TCR Signaling , EGFR Signaling Pathway , Regulation of Actin Filament Polymerization , Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Maintenance of Protein Location , Skeletal Muscle Fiber Development , Signaling Events mediated by VEGFR1 and VEGFR2 , EGFR Downregulation , VEGF Signaling

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



Western Blotting

Image 1. Detection of Recombinant CDC42, Human using Polyclonal Antibody to Cell Division Cycle Protein 42 (CDC42)