

Datasheet for ABIN1713601  
**anti-Girdin antibody (pTyr1765)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	Girdin (CCDC88A)
Binding Specificity:	pTyr1765
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Girdin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human APE around the phosphorylation site of Tyr1765
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	Girdin (CCDC88A)
Alternative Name:	Girdin ( <a href="#">CCDC88A Products</a> )

## Target Details

Background:	<p>Synonyms: Girdin phospho Y1765, p-Girdin phospho Y1765, Akt phosphorylation enhancer, APE, Coiled coil domain containing protein 88A, G alpha interacting vesicle associated protein, Girders of actin filament, GIV, HkRP1, Hook related protein 1, AKT iphosphorylation enhancer, Akt phosphorylation enhancer, Ccdc88a, GIV, GRDN, GRDN_HUMAN, HkRP1, Hook related protein 1, Hook-related protein 1, KIAA1212.</p> <p>Background: Girdin is a 1,871 amino acid protein that, via interactions with phosphoinositides, localizes to the cell membrane and to the cytosol. Expressed ubiquitously, girdin functions to enhance the activity of PI 3-kinase-dependent phosphorylation of proteins, such as Akt1, thereby inducing the phosphorylation of downstream protein targets and, ultimately, regulating DNA replication and cellular proliferation. Additionally, girdin is crucial for cell migration and is responsible for both maintaining the structural integrity of the Actin cytoskeleton and for regulating the formation of Actin stress fibers. Girdin exists as a homodimer that can itself be phosphorylatedan event that delocalizes girdin from the cell membrane, thus allowing it to participate in cell migration events. Two isoforms of girdin exist due to alternative splicing events.</p>
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Gene ID:	55704
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## Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only
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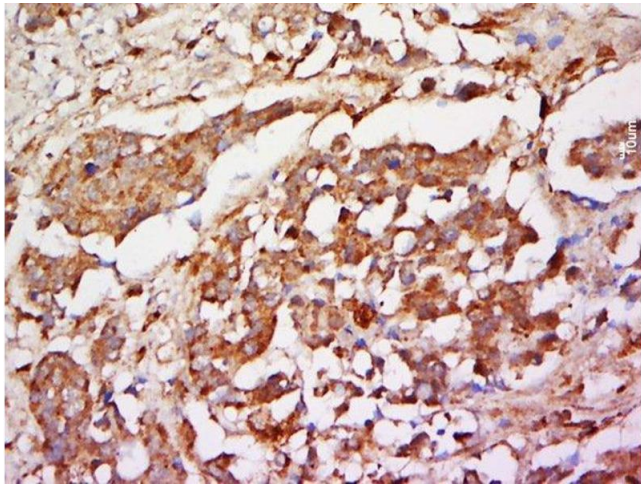
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded human colon cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-Girdin (Tyr1765) Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary for 90 minutes and DAB staining.