



Datasheet for ABIN7300374  
**anti-ARRDC4 antibody (Center)**



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3 Images

Overview

Quantity:	100 µL
Target:	ARRDC4
Binding Specificity:	Center
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARRDC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ARRDC4.
Specificity:	Recognizes endogenous levels of ARRDC4 protein.
Characteristics:	Rabbit polyclonal antibody to ARRDC4
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ARRDC4
Alternative Name:	ARRDC4 ( <a href="#">ARRDC4 Products</a> )

## Target Details

Background: Arrestin domain-containing protein 4

Gene ID: 91947, 293019

UniProt: [Q8NCT1](#), [Q7TP90](#)

## Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

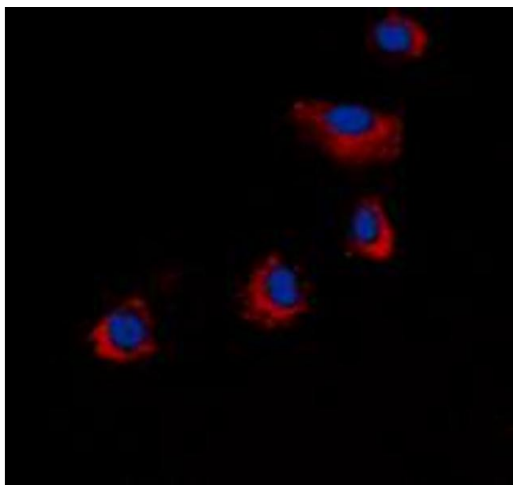
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

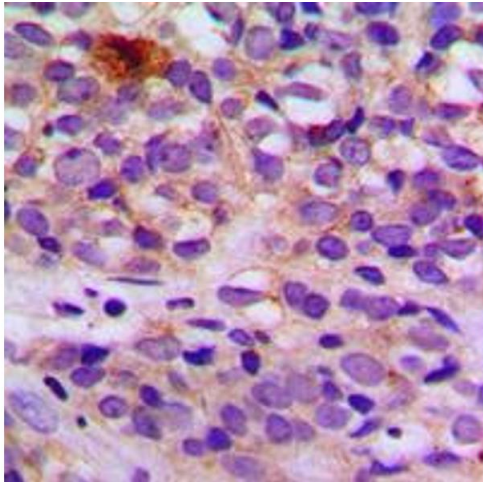
Expiry Date: 12 months

## Images



### Immunofluorescence

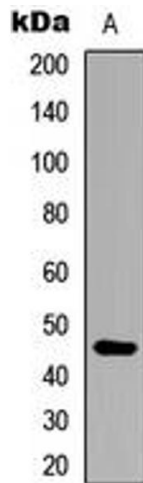
**Image 1.** Immunofluorescent analysis of ARRDC4 staining in COLO205 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell



nuclei (blue).

### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of ARRDC4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. w



### Western Blotting

**Image 3.** Western blot analysis of ARRDC4 expression in human liver (A) whole cell lysates.