



[Go to Product page](#)

Datasheet for ABIN7153709  
**anti-WDR59 antibody (AA 619-862)**

2 Images

### Overview

Quantity:	100 µL
Target:	WDR59
Binding Specificity:	AA 619-862
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR59 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human GATOR complex protein WDR59 protein (619-862AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	WDR59
Alternative Name:	WDR59 ( <a href="#">WDR59 Products</a> )
Background:	Background: As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing branch of the TORC1 signaling pathway. Indirectly activates mTORC1 and the

## Target Details

TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex (PubMed:23723238). It is negatively regulated by the upstream amino acid sensors SESN2 and CASTOR1 (PubMed:25457612, PubMed:27487210).

Aliases: WDR59 antibody, KIAA1923 antibody, FP977 antibody, GATOR complex protein WDR59 antibody, WD repeat-containing protein 59 antibody

UniProt: [Q6PJ19](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

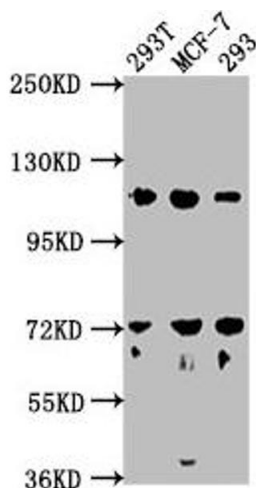
Preservative: ProClin

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

Storage: -20 °C,-80 °C

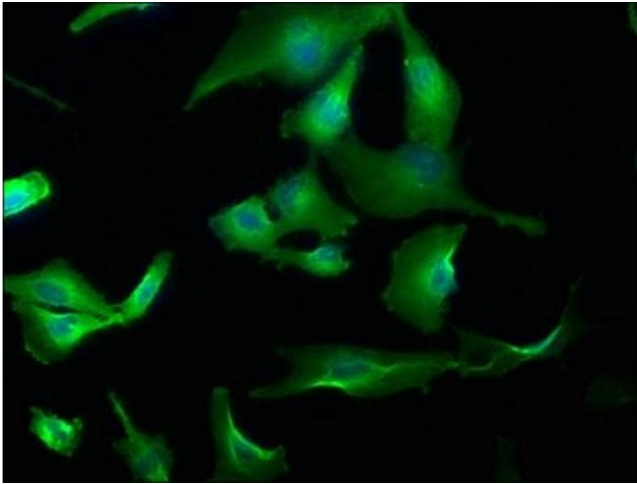
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Western Blotting

**Image 1.** Western Blot Positive WB detected in: 293T whole cell lysate, MCF-7 whole cell lysate, 293 whole cell lysate All lanes: WDR59 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 110, 65, 63, 47 kDa Observed band size: 110 kDa



### Immunofluorescence

**Image 2.** Immunofluorescence staining of U251 cells with ABIN7153709 at 1:173, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).