

Datasheet for ABIN7151176  
**anti-RNF213 antibody (AA 202-350)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	RNF213
Binding Specificity:	AA 202-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF213 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase RNF213 protein (202-350AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	RNF213
Alternative Name:	RNF213 ( <a href="#">RNF213 Products</a> )
Background:	Background: E3 ubiquitin-protein ligase involved in angiogenesis (PubMed:21799892, PubMed:26278786, PubMed:26766444, PubMed:26126547). Involved in the non-canonical Wnt

## Target Details

signaling pathway in vascular development: acts by mediating ubiquitination and degradation of FLNA and NFATC2 downstream of RSPO3, leading to inhibit the non-canonical Wnt signaling pathway and promoting vessel regression (PubMed:26766444). Also has ATPase activity (PubMed:24658080, PubMed:26126547).

Aliases: ALK lymphoma oligomerization partner on chromosome 17 antibody, C17orf27 antibody, Chromosome 17 open reading frame 27 antibody, E3 ubiquitin-protein ligase RNF213 antibody, FLJ13051 antibody, KIAA1554 antibody, MGC46622 antibody, MGC9929 antibody, MYMY2 antibody, Mysterin antibody, MYSTR antibody, NET57 antibody, RING finger protein 213 antibody, RN213\_HUMAN antibody, RNF 213 antibody, RNF213 antibody

UniProt: [Q63HN8](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

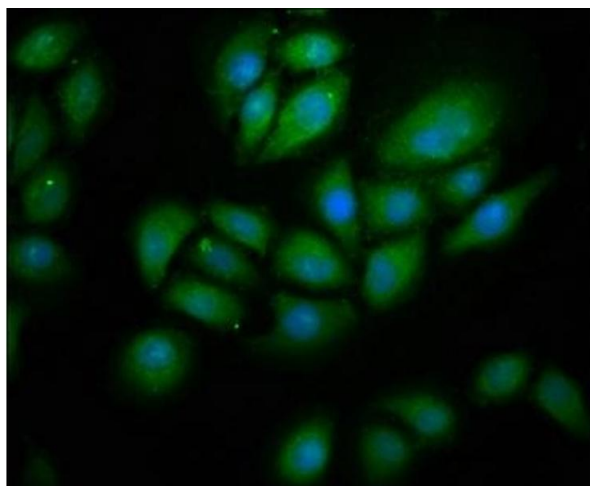
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

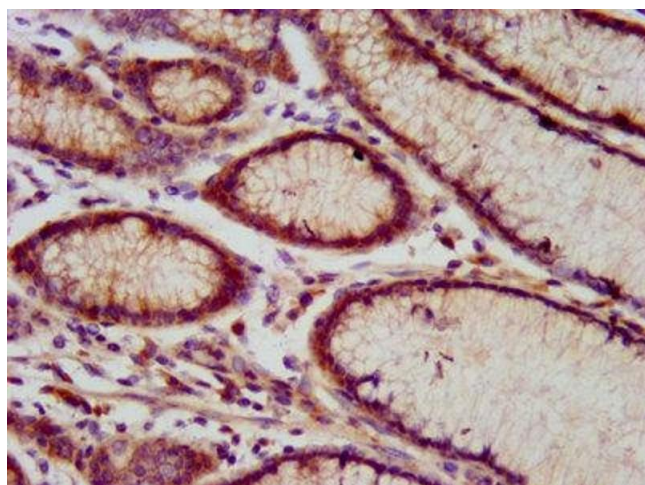
Storage: -20 °C, -80 °C

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



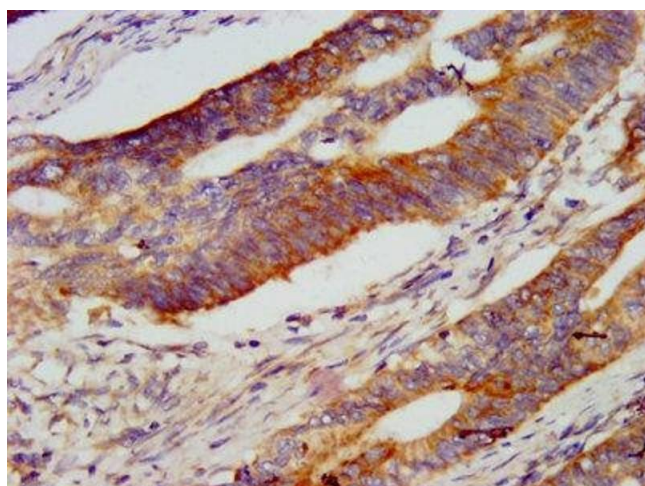
#### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7151176 at 1:266, 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).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7151176 diluted at 1:800 and staining in paraffin-embedded human gastric cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7151176 diluted at 1:800 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.