

Datasheet for ABIN7164415  
**anti-RNF212 antibody (AA 1-297)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	RNF212
Binding Specificity:	AA 1-297
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF212 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Probable E3 SUMO-protein ligase RNF212 protein (1-297AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	RNF212
Alternative Name:	RNF212 ( <a href="#">RNF212 Products</a> )
Background:	Background: SUMO E3 ligase that acts as a regulator of crossing-over during meiosis: required to couple chromosome synapsis to the formation of crossover-specific recombination

## Target Details

complexes. Localizes to recombination sites and stabilizes meiosis-specific recombination factors, such as MutS-gamma complex proteins (MSH4 and MSH5) and TEX11. May mediate sumoylation of target proteins MSH4 and/or MSH5, leading to enhance their binding to recombination sites. Acts as a limiting factor for crossover designation and/or reinforcement and plays an antagonist role with CCNB1IP1/HEI10 in the regulation of meiotic recombination (By similarity).

Aliases: FLJ38841 antibody, Hypothetical protein LOC285498 antibody, LOC285498 antibody, OTTHUMP00000147525 antibody, Probable E3 SUMO-protein ligase RNF212 antibody, RING finger protein 212 antibody, RN212\_HUMAN antibody, RNF 212 antibody, RNF212 antibody, ZHP3 antibody, ZHP3, C. elegans, homolog of antibody, ZIP3-related protein antibody

UniProt: [Q495C1](#)

## Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

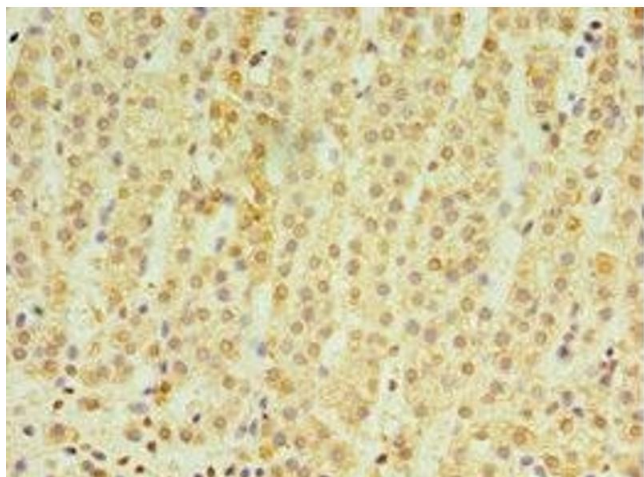
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

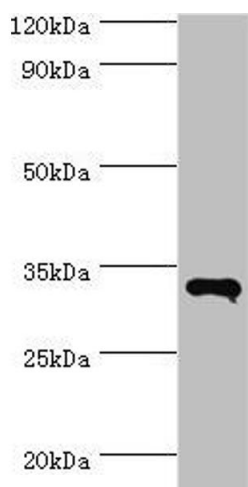
Storage: -20 °C, -80 °C

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



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7164415 at dilution of 1:100



#### Western Blotting

**Image 2.** Western blot All lanes: RNF212 antibody at 14  $\mu$ g/mL + HepG2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 34, 15, 22, 32, 27, 31 kDa Observed band size: 34 kDa