

# RNF212 Polyclonal antibody

Catalog Number: 21178-1-AP

## Basic Information

**Catalog Number:**

21178-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG15457

**GenBank Accession Number:**

BC050356

**GeneID (NCBI):**

285498

**UNIPROT ID:**

Q495C1

**Full Name:**

ring finger protein 212

**Calculated MW:**

297 aa, 33 kDa

**Observed MW:**

22 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : human heart tissue,

## Background Information

RNF212(RING finger protein 212)acts as a regulator of crossing-over during meiosis: required to couple chromosome synapsis to the formation of crossover-specific recombination complexes. It may be a SUMO E3 ligase that mediates the sumoylation of target proteins MSH4 and MSH5, leading to enhanced binding to recombination sites.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 21178-1-AP (RNF212 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.