

Datasheet for ABIN6242612  
**anti-RNF7 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	RNF7
Binding Specificity:	AA 25-57, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This RNF7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 25-57 amino acids from the N-terminal region of human RNF7.
Clone:	RB52911
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	RNF7
Alternative Name:	RNF7 ( <a href="#">RNF7 Products</a> )
Background:	Probable component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex which

## Target Details

mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme to the complex and brings it into close proximity to the substrate. Promotes the neddylation of CUL5 via its interaction with UBE2F. May play a role in protecting cells from apoptosis induced by redox agents.

Molecular Weight: 12683

UniProt: [Q9UBF6](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: WB: 1:8000. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

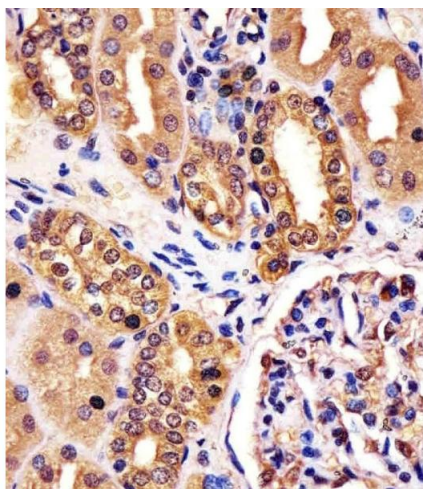
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

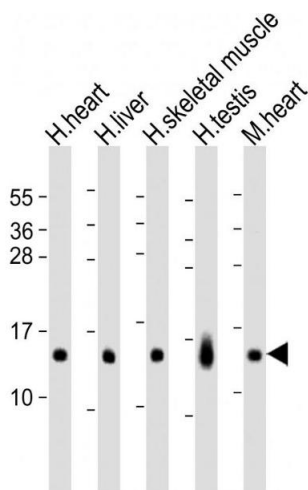
Storage: 4 °C, -20 °C

Expiry Date: 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN6242612 and ABIN6578254) staining RNF7 in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



#### Western Blotting

**Image 2.** All lanes : Anti-RNF7 Antibody (N-term) at 1:8000 dilution Lane 1: human heart lysates Lane 2: human liver lysates Lane 3: human skeletal muscle lysates Lane 4: human testis lysates Lane 5: mouse heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 13 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.