

## RNF8

**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 56kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human RNF8

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

hRNF8;

**Catalog #:** A7302

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 9025

**Isotype:** IgG

**Swiss Prot:** O76064

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene contains a RING finger motif and an FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. This protein is also known to play a role in the DNA damage response and depletion of this protein causes cell growth inhibition and cell cycle arrest. Alternative splicing results in multiple transcript variants.

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