

## Summary

<b>Production Name</b>	ARA54 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	RNF14
<b>Alternative Names</b>	RNF14; ARA54; HRIHFB2038; E3 ubiquitin-protein ligase RNF14; Androgen receptor-associated protein 54; HFB30; RING finger protein 14; Triad2 protein
<b>Gene ID</b>	9604.0
<b>SwissProt ID</b>	Q9UBS8.The antiserum was produced against synthesized peptide derived from human RNF14. AA range:361-410

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000. ELISA: 1:40000.
<b>Molecular Weight</b>	50kD

## Background

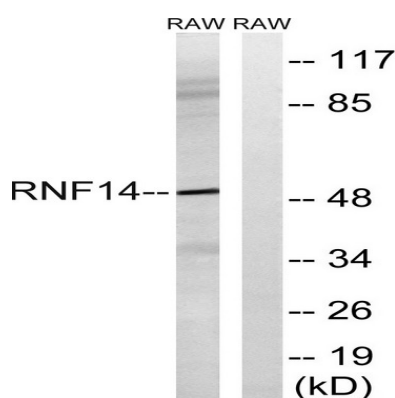
**Product Name: ARA54 Rabbit Polyclonal Antibody**  
**Catalog #: APRab07087**



The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene has been demonstrated to inhibit the AR-mediated growth of prostate cancer. This protein also interacts with class III ubiquitin-conjugating enzymes (E2s) and may act as a ubiquitin-ligase (E3) in the ubiquitination of certain nuclear proteins. Six alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq, Jan 2011],caution:Lacks the His residue in the RING-type domain 2 that is one of the conserved features of the family.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,domain:The N-terminal destruction box (D-box) acts as a recognition signal for degradation via the ubiquitin-proteasome pathway.,domain:The RING-type zinc finger is essential for the interaction with UBE2E2.,function:Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription.,pathway:Protein modification; protein ubiquitination.,PTM:RING-type zinc finger-dependent and UBE2E2-dependent autoubiquitination.,similarity:Belongs to the RBR family. RNF14 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 1 RWD domain.,similarity:Contains 2 RING-type zinc fingers.,subunit:Interacts with the ubiquitin-conjugating enzymes UBE2E1 and UBE2E2 and in the presence of testosterone, with the androgen receptor (AR),tissue specificity:Widely expressed.,

## Research Area

## Image Data



Western blot analysis of lysates from RAW264.7 cells, using RNF14 Antibody. The lane on the right is blocked with the synthesized peptide.

## Note

For research use only.

**Product Name: ARA54 Rabbit Polyclonal Antibody**  
**Catalog #: APRab07087**

---

