

Product datasheet for **TA343454**

RNF14 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RNF14 antibody: synthetic peptide directed towards the C terminal of human RNF14. Synthetic peptide located within the following region: CMQYFCWICMGSLSRANPYKHFNDPGSPCFNRLFYAVDVDDDIWEDEVED
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	ring finger protein 14
Database Link:	NP_899648 Entrez Gene 9604 Human Q9UBS8



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Background:

RNF14 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. 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. Five alternatively spliced transcript variants encoding two distinct isoforms have been reported.

Synonyms:

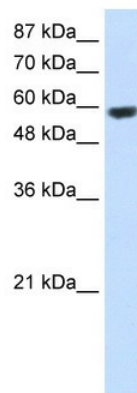
ARA54; HFB30; HRIHFB2038; TRIAD2

Note:

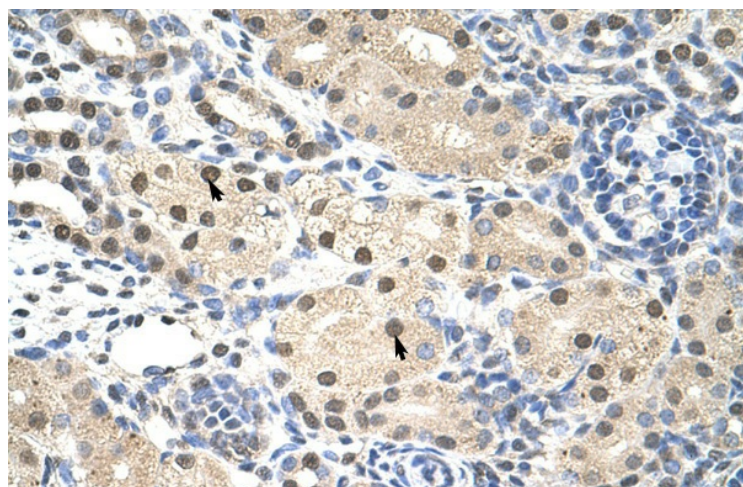
Immunogen Sequence Homology: Human: 100%; Dog: 79%; Rat: 79%; Bovine: 79%; Rabbit: 79%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-RNF14 Antibody Titration:
2.5ug/ml
Positive Control: Jurkat cell lysate



Human kidney