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Datasheet for ABIN2780586  
**anti-RNF14 antibody (C-Term)**

3 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	RNF14
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human RNF14
Sequence:	CMQYFCWICM GSLSRANPYK HFNDPGSPCF NRLFYAVDVD DDIWEDEVED
Predicted Reactivity:	Cow: 79%, Dog: 79%, Human: 100%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against RNF14. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

### Target Details

Target:	RNF14
Alternative Name:	RNF14 ( <a href="#">RNF14 Products</a> )

## Target Details

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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.

Alias Symbols: ARA54, HFB30, TRIAD2, HRIHFB2038

Protein Interaction Partner: UBE2E2, UBE2D1, DACH1, UBE2D4, LEF1, TCF3, HNF1A, TCF4, CTNNB1, UBC, AR, FAM46A, TNFAIP3, ECT2, UBE2E3, UBE2E1, PHF7, TAGLN, HNRNPA1, VDR, UBE2D3, UBE2D2, UBE2U, UBE2W, UBE2V1, NCOA4, NR3C1, ESR1, RNF14,

Protein Size: 474

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Molecular Weight: 52 kDa

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Gene ID: 9604

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NCBI Accession: [NM\\_183401](#), [NP\\_899648](#)

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UniProt: [Q9UBS8](#)

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Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 474 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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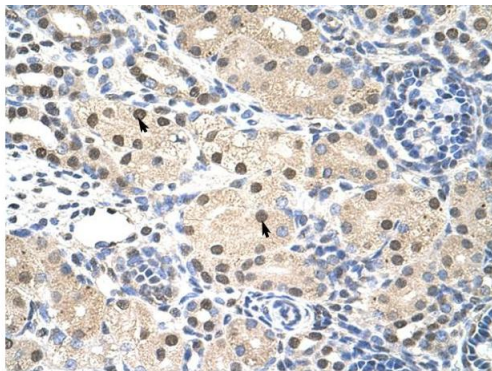
## Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Renaud, Chakraborty, Mason, Rumi, Vivian, Soares: "OVO-like 1 regulates progenitor cell fate in human trophoblast development." in: <b>Proceedings of the National Academy of Sciences of the United States of America</b> , Vol. 112, Issue 45, pp. E6175-84, (2015) ( <a href="#">PubMed</a> ).
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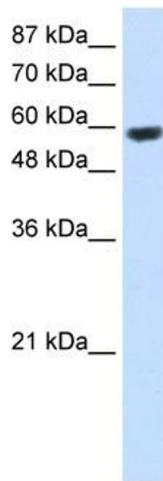
## Images



Rabbit Anti-RNF14 Antibody  
Catalog Number: ARP38448  
Lot Number: QC10885  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

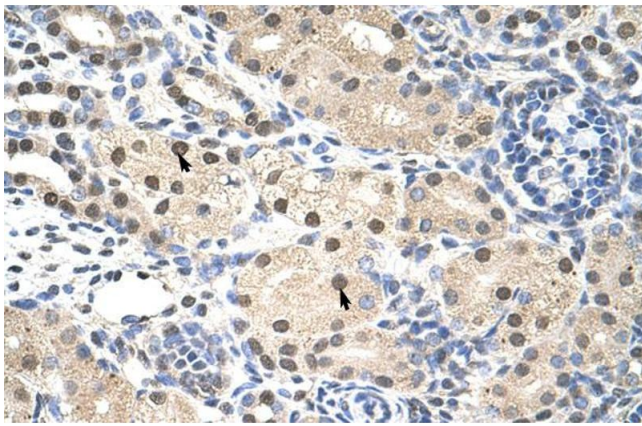
### Immunohistochemistry

**Image 1.** Human kidney



### Western Blotting

**Image 2.** WB Suggested Anti-RNF14 Antibody Titration:  
2.5ug/ml Positive Control: Jurkat cell lysate



### Immunohistochemistry

**Image 3.** Human kidney