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RNF14 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17648b

Product Information

Application	WB, E
Primary Accession	Q9UBS8
Other Accession	NP_899646.1, NP_004281.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30406
Antigen Region	336-364

Additional Information

Other Names	E3 ubiquitin-protein ligase RNF14, 632-, Androgen receptor-associated protein 54, HFB30, RING finger protein 14, Triad2 protein, RNF14, ARA54
Target/Specificity	This RNF14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-364 amino acids from the C-terminal region of human RNF14.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RNF14 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

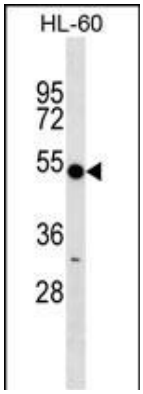
The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene 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.

References

Xu, K., et al. Cancer Cell 15(4):270-282(2009)
Lan, K.C., et al. Fertil. Steril. 89 (5 SUPPL), 1397-1405 (2008) :
Kikuchi, H., et al. Carcinogenesis 28(8):1752-1758(2007)
Yang, Z., et al. Endocrinology 148(3):1340-1349(2007)
Yang, Z., et al. Mol. Endocrinol. 21(2):343-358(2007)

Images



RNF14 Antibody (C-term) (Cat. #AP17648b) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the RNF14 antibody detected the RNF14 protein (arrow).