

ARA54 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00574
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RNF14. AA range:361-410
Mol wt	53837
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ARA54 Antibody
Synonyms	RNF14; ARA54; HRIHFB2038; E3 ubiquitin-protein ligase RNF14; Androgen receptor-associated protein 54; HFB30; RING finger protein 14; Triad2 protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by RNF14 (ring finger protein 14) 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 RNF14 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.

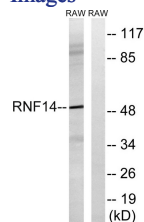
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year