

DATASHEET

RNF152 Rabbit Polyclonal Antibody

CAT. NO. APA16731

KEY FEATURES

Target	RNF152	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

E3 ubiquitin-protein ligase that acts as a negative regulator of mTORC1 signaling by mediating ubiquitination of RagA/RRAGA and RHEB . Catalyzes 'Lys-63'-linked polyubiquitination of RagA/RRAGA in response to amino acid starvation, thereby regulating mTORC1 signaling . Also mediates monoubiquitination of RHEB, promoting its association with the TSC-TBC complex and subsequent inhibition . Also mediates 'Lys-48'-linked polyubiquitination of target proteins and their subsequent targeting to the proteasome for degradation . Induces apoptosis when overexpressed .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

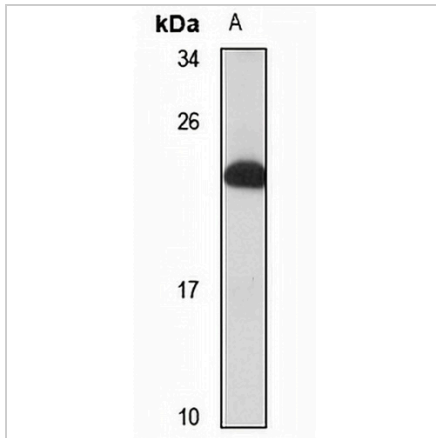
Description	Rabbit polyclonal antibody to RNF152
Specificity	Recognizes endogenous levels of RNF152 protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human RNF152. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 22 kD; Observed: 24 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	E3 ubiquitin-protein ligase RNF152; RING finger protein 152
Gene Symbol	RNF152
Entrez Gene	220441(Human); 320311(Mouse); 293561(Rat)
SwissProt	Q8N8N0(Human); Q8BG47(Mouse); D4A723(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of RNF152 expression in HEK293T (A) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 24 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.