

DATASHEET

TRIP12 Rabbit Polyclonal Antibody

CAT. NO. APA14946

KEY FEATURES

Target	TRIP12	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	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 involved in ubiquitin fusion degradation (UFD) pathway and regulation of DNA repair pathway and regulation of DNA repair . Part of the ubiquitin fusion degradation (UFD) pathway, a process that mediates ubiquitination of protein at their N-terminus, regardless of the presence of lysine residues in target proteins . Acts as a key regulator of DNA damage response by acting as a suppressor of RNF168, an E3 ubiquitin-protein ligase that promotes accumulation of 'Lys-63'-linked histone H2A and H2AX at DNA damage sites, thereby acting as a guard against excessive spreading of ubiquitinated chromatin at damaged chromosomes .

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
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to TRIP12
Specificity	Recognizes endogenous levels of TRIP12 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRIP12
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 192; Observed: 250 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	KIAA0045; ULF; E3 ubiquitin-protein ligase TRIP12; E3 ubiquitin-protein ligase for Arf; ULF; Thyroid receptor-interacting protein 12; TR-interacting protein 12; TRIP-12
Gene Symbol	TRIP12
Entrez Gene	9320(Human); 14897(Mouse); 316575(Rat)
SwissProt	Q14669(Human); G5E870(Mouse); F1LP64(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.

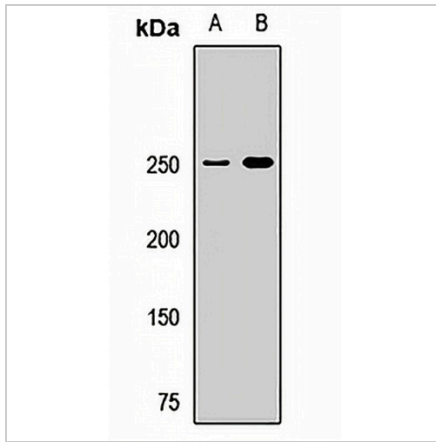
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

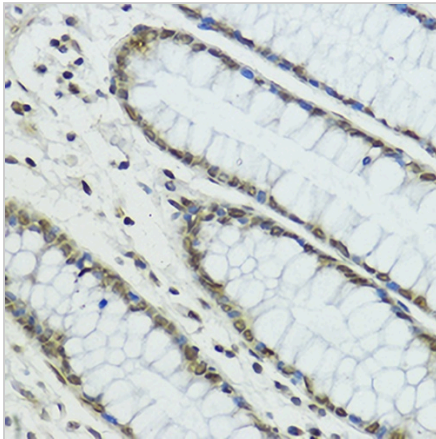
TRIP12 Rabbit Polyclonal Antibody

CAT. NO. APA14946

DATA



Western blot analysis of TRIP12 expression in HeLa (A), Jurkat (B) whole cell lysates. (Predicted band size: 192; 220; 223; 225 kD; Observed band size: 250 kD)



Immunohistochemical analysis of TRIP12 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.