

Rabbit anti-Human TRIP12 Polyclonal Antibody | anti-TRIP12 antibody

TRIP12 Antibody

CATALOG # AAA231692	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

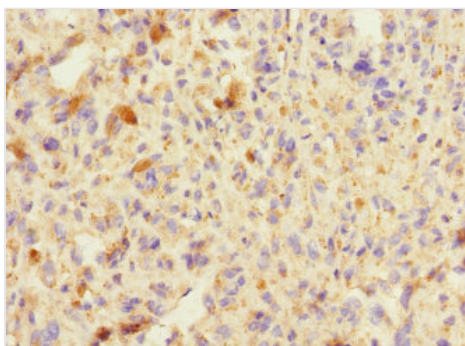
PRODUCT SYNONYMS

TRIP12; Polyclonal Antibody; TRIP12 Antibody; E3 ubiquitin-protein ligase TRIP12; E3 ubiquitin-protein ligase for Arf; ULF; Thyroid receptor-interacting protein 12; TR-interacting protein 12; TRIP-12; KIAA0045; anti-TRIP12 antibody

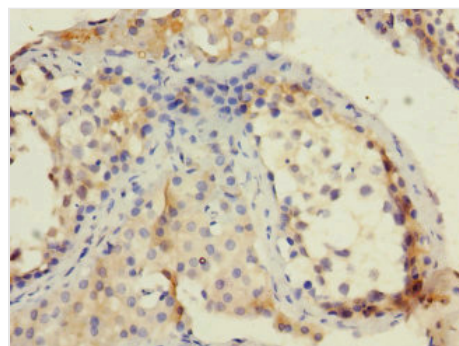
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	2040
Applicable Applications for anti-TRIP12 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human E3 ubiquitin-protein ligase TRIP12 protein (N-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-138709 / sc-138710
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human melanoma using AAA231692 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA231692 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TRIP12 antibody	E3 ubiquitin-protein ligase involved in ubiquitin fusion degradation (UFD) 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. In normal cells, mediates ubiquitination and degradation of isoform p19ARF/ARF of CDKN2A, a lysine-less tumor suppressor required for p53/TP53 activation under oncogenic stress. In cancer cells, however, isoform p19ARF/ARF and TRIP12 are located in different cell compartments, preventing isoform p19ARF/ARF ubiquitination and degradation. Does not mediate ubiquitination of isoform p16-INK4a of CDKN2A. Also catalyzes ubiquitination of NAE1 and SMARCE1, leading to their degradation. Ubiquitination and degradation of target proteins is regulated by interaction with proteins such as MYC, TRADD or SMARCC1, which disrupt the interaction between TRIP12 and 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	545746335
NCBI GeneID	9320
NCBI Accession #	NP_001271143.1
NCBI GenBank Nucleotide #	NM_001284214.1
UniProt Accession #	Q14669; Q14CA3; Q14CF1; Q15644; Q53R87; Q53TE7; D4HL82
Molecular Weight	192,075 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIP12 isoform a
NCBI Official Synonym Full Names	thyroid hormone receptor interactor 12
NCBI Official Symbol	TRIP12
NCBI Official Synonym Symbols	ULF; TRIP-12
NCBI Protein Information	E3 ubiquitin-protein ligase TRIP12
UniProt Protein Name	E3 ubiquitin-protein ligase TRIP12
UniProt Gene Name	TRIP12
UniProt Synonym Gene Names	KIAA0045; ULF; ULF; TR-interacting protein 12; TRIP-12
UniProt Entry Name	TRIPC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/trip12-antibody-immunohistochemistry-elisa/231692>