



TRIPC Polyclonal Antibody

Catalog No	YP-Ab-05975
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	TRIP12 KIAA0045 ULF
Immunogen	Synthesized peptide derived from human protein . at AA range: 950-1030
Specificity	TRIPC Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA0045;TR interacting protein 12;TRIP 12;TRIP12;TRIPC;TRIP12 KIAA0045 ULF;E3 ubiquitin-protein ligase TRIP12 (EC 6.3.2.-) (E3 ubiquitin-protein ligase for Arf) (ULF) (Thyroid receptor-interacting protein 12) (TR-interacting protein 12) (TRIP-12)
Observed Band	190-220 kDa
Calculated Molecular Weight	1992 aa, 220 kDa
Cell Pathway	Nucleus, nucleoplasm .
Tissue Specificity	Bone marrow,Epithelium,PCR rescued clones,
Function	function:Component of PA700, an ATP-dependent multisubunit protein that activates the proteolytic activities of the multifunctional proteinase (20S proteasome) of the 26S complex. Specifically interacts with the ligand binding domain of the thyroid hormone receptor (in a thyroid hormone T3-independent manner) and with retinoid X receptor (RXR). Could be E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates., miscellaneous:A cysteine residue is required for ubiquitin-thioester formation., pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the UPL family. K-



HECT subfamily.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 1 WWE domain.,

Background

function:Component of PA700, an ATP-dependent multisubunit protein that activates the proteolytic activities of the multifunctional proteinase (20S proteasome) of the 26S complex. Specifically interacts with the ligand binding domain of the thyroid hormone receptor (in a thyroid hormone T3-independent manner) and with retinoid X receptor (RXR). Could be E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates., miscellaneous:A cysteine residue is required for ubiquitin-thioester formation., pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the UPL family. K-HECT subfamily.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 1 WWE domain.,subunit:PA700 is composed of at least 16 distinct peptides ranging from 20-112 kDa.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images