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Datasheet for ABIN6992058
anti-TRIP12 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	TRIP12
Binding Specificity:	AA 1930-1980, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIP12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	TRIP12 antibody was raised against a 18 amino acid peptide near the carboxy terminus of human TRIP12. The immunogen is located within amino acids 1930 - 1980 of TRIP12.
Isotype:	IgG
Specificity:	TRIP12 antibody is human, mouse and rat reactive. At least four isoforms are known to exist.
Purification:	TRIP12 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TRIP12
Alternative Name:	TRIP12 (TRIP12 Products)

Target Details

Background:	Thyroid hormone receptors (TRs) are transcription factors that regulate the expression of specific genes in a hormone-dependent manner (1). TRIP12 (thyroid hormone receptor interactor 12) is an ATP-dependent E3 ubiquitin ligase involved in the human ubiquitin fusion degradation (UFD) pathway and also modulates the NEDD8 pathway (2,3). TRIP12 contains one WWE domain and a single HECT (E6AP-type E3 ubiquitin-protein ligase) domain suggested to contain a noncovalent ubiquitin-binding site (4). TRIP12 acts as a key regulator of DNA damage response and the ubiquitin ligase activity of TRIP12 is essential for mouse development (5).
Molecular Weight:	Predicted: 219 kDa Observed: 220 kDa
Gene ID:	9320
NCBI Accession:	NP_004229
UniProt:	Q14669
Pathways:	Nuclear Hormone Receptor Binding

Application Details

Application Notes:	TRIP12 antibody can be used for detection of TRIP12 by Western blot at 1 - 2 μ g/mL. Antibody can also be used for Immunohistochemistry starting at 5 μ g/mL. For immunocytochemistry start at 2 μ g/mL. For immunofluorescence start at 20 μ g/mL. Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples, Immunocytochemistry in human samples, and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TRIP12 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TRIP12 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.