BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TRIP12 Antibody

Catalog Number: A05449

About TRIP12

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).

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Overview

Product Name	Anti-TRIP12 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRIP12 Antibody (Catalog # A05449). Tested in ELISA, WB, IHC-P, IF, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, ICC, WB
Clonality	Polyclonal
Formulation	TRIP12 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C, stable for one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q14669

Technical Details

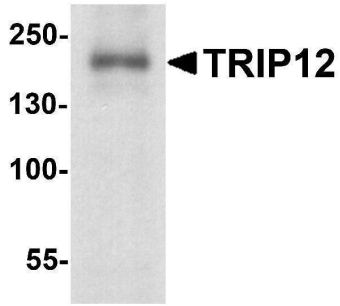
Immunogen	TRIP12 antibody was raised against a 18 amino acid peptide near the carboxy terminus of human TRIP12. The immunogen is located within amino acids 1930 - 1980 of TRIP12.
Predicted Reactive Species	Bovine
Cross Reactivity	TRIP12 antibody is human, mouse and rat reactive. At least four isoforms are known to exist.

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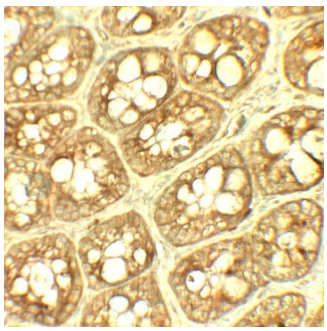
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TRIP12 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TRIP12 antibody can be used for detection of TRIP12 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry starting at 5 ug/mL. For immunocytochemistry start at 2 ug/mL.For immunofluorescence start at 20 ug/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. Optimal dilutions for each application should be determined by the researcher.

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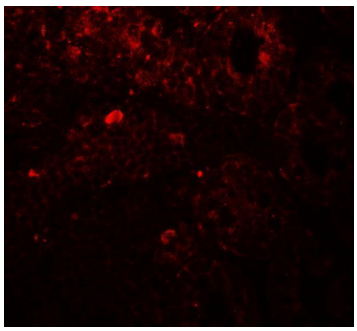
Anti-TRIP12 Antibody (A05449) Images



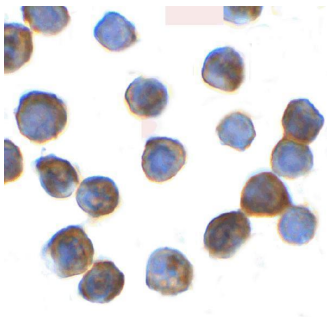
Western blot analysis of TRIP12 in rat colon tissue lysate with TRIP12 antibody at 1 ug/ml.



Immunohistochemistry of TRIP12 in rat colon tissue with TRIP12 antibody at 5 ug/ml.



Immunofluorescence of TRIP12 in rat colon tissue with TRIP12 antibody at 20 ug/ml.



Immunocytochemistry of TRIP12 in Hela cells with TRIP12 Antibody at 2 ug/ml.

For Research Use Only. Not for use in diagnostic procedures.