

Product datasheet for **TA349096**

TRIP12 Rabbit Polyclonal Antibody

Product data:

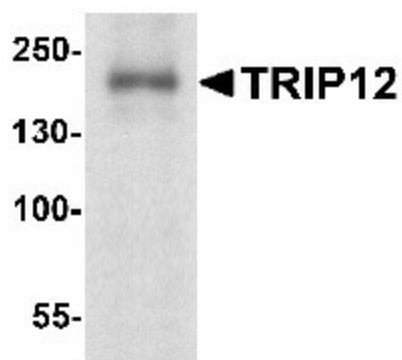
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TRIP12 antibody was raised against a 18 amino acid peptide near the carboxy terminus of human TRIP12.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	TRIP12 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 219 kDa; Observed: 220 kDa
Gene Name:	thyroid hormone receptor interactor 12
Database Link:	NP_004229 Entrez Gene 9320 Human Q14669
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).



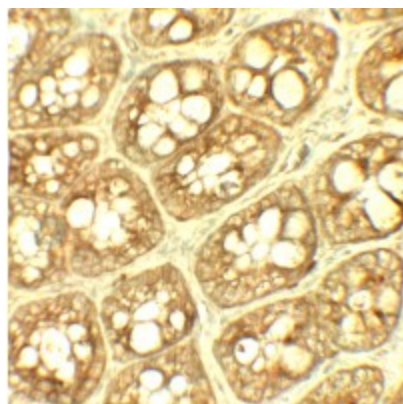
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Synonyms: AGR16; EDG-5; EDG5; Gpcr13; H218; LPB2; S1P2

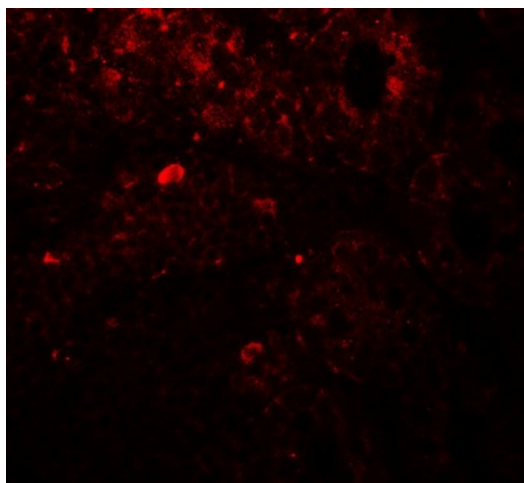
Product images:



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.