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TRADD antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI16172

Product Information

Application	WB
Primary Accession	Q15628
Other Accession	NM_003789, NP_003780
Reactivity	Human, Dog, Horse
Predicted	Human, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34247

Additional Information

Gene ID	8717
Alias Symbol	Hs.89862, MGC11078
Other Names	Tumor necrosis factor receptor type 1-associated DEATH domain protein, TNFR1-associated DEATH domain protein, TNFRSF1A-associated via death domain, TRADD
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TRADD antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TRADD antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRADD {ECO:0000303|PubMed:7758105, ECO:0000312|HGNC:HGNC:12030}
Function	Adapter molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD (PubMed:23955153, PubMed:7758105, PubMed:8612133). Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B (PubMed:7758105, PubMed:8612133). The nuclear form acts as a tumor suppressor by preventing ubiquitination and degradation of isoform p19ARF/ARF of CDKN2A by TRIP12: acts by interacting with TRIP12, leading to disrupt interaction between TRIP12 and isoform p19ARF/ARF of CDKN2A (By similarity).

Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q3U0V2}. Cytoplasm. Cytoplasm, cytoskeleton. Note=Shuttles between the cytoplasm and the nucleus. {ECO:0000250|UniProtKB:Q3U0V2}
Tissue Location	Found in all examined tissues.

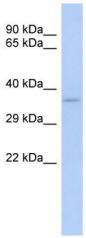
Background

The nuclear form acts as a tumor suppressor by preventing ubiquitination and degradation of isoform p19ARF/ARF of CDKN2A by TRIP12: acts by interacting with TRIP12, leading to disrupt interaction between TRIP12 and isoform p19ARF/ARF of CDKN2A (By similarity). Adapter molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD. Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B.

References

Hsu H.,et al.Cell 81:495-504(1995).
Scheuerpflug C.G.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Kaiser C.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



WB Suggested Anti-TRADD Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: DU145 cell lysate
There is BioGPS gene expression data showing that TRADD is expressed in DU145

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.