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TRADD antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI16172

Specification

TRADD antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q15628
Other Accession	NM_003789, NP_003780
Reactivity	**Human, Horse, Dog**
Predicted	**Human, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**34kDa KDa**

TRADD antibody - middle region - 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.

TRADD antibody - middle region - 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}

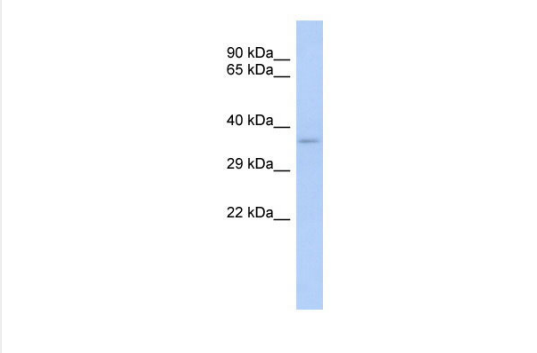
Tissue Location
Found in all examined tissues.

TRADD antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRADD antibody - middle region - 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

TRADD antibody - middle region - 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.

TRADD antibody - middle region - 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).