10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# 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. |

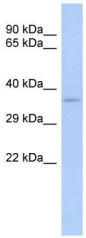
## Background

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