

Anti-TRADD Antibody [JE32-60]

HA722000



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat
Applications:	WB, IF-Cell
Molecular Wt:	Predicted band size: 34 kDa
Clone number:	JE32-60

Description: Tumor necrosis factor receptor type 1-associated DEATH domain protein is a protein that in humans is encoded by the TRADD gene. TRADD is an adaptor protein. The protein encoded by this gene is a death domain containing adaptor molecule that interacts with TNFRSF1A/TNFR1 and mediates programmed cell death signaling and NF- κ B activation. This protein binds adaptor protein TRAF2, reduces the recruitment of inhibitor-of-apoptosis proteins (IAPs) by TRAF2, and thus suppresses TRAF2 mediated apoptosis. This protein can also interact with receptor TNFRSF6/FAS and adaptor protein FADD/MORT1, and is involved in the Fas-induced cell death pathway.

Immunogen: Recombinant protein within Human TRADD aa 163-312 / 312.

Positive control: HeLa cell lysate, Jurkat cell lysate, RAW264.7 cell lysate, C6 cell lysate, PC-12 cell lysate, Mouse spleen tissue lysate, Rat spleen tissue lysate, HL-60 cell lysate, K-562 cell lysate, Ramos cell lysate, C2C12 cell lysate, MCF7.

Subcellular location: Nucleus, Cytoplasm, cytoskeleton.

Database links: SwissProt: Q15628 Human | Q3U0V2 Mouse
Entrez Gene: 246756 Rat

Recommended Dilutions:

WB	1:1,000
IF-Cell	1:100

Storage Buffer: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

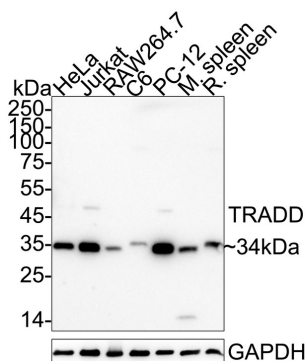


Fig1: Western blot analysis of TRADD on different lysates with Rabbit anti-TRADD antibody (HA722000) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (20 µg/Lane)
 Lane 2: Jurkat cell lysate (20 µg/Lane)
 Lane 3: RAW264.7 cell lysate (20 µg/Lane)
 Lane 4: C6 cell lysate (20 µg/Lane)
 Lane 5: PC-12 cell lysate (20 µg/Lane)
 Lane 6: Mouse spleen tissue lysate (40 µg/Lane)
 Lane 7: Rat spleen tissue lysate (40 µg/Lane)

Predicted band size: 34 kDa

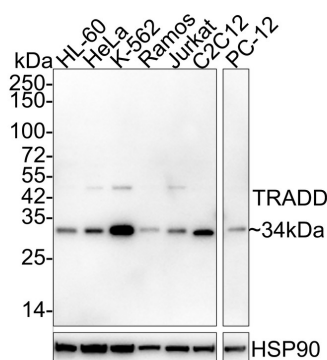
Observed band size: 34 kDa

Exposure time: 1 minute 50 seconds; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA722000) at 1/1,000 dilution was used in primary antibody dilution (K1803) at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Fig2: Western blot analysis of TRADD on different lysates with Rabbit anti-TRADD antibody (HA722000) at 1/1,000 dilution.



Lane 1: HL-60 cell lysate (20 µg/Lane)
 Lane 2: HeLa cell lysate (20 µg/Lane)
 Lane 3: K-562 cell lysate (20 µg/Lane)
 Lane 4: Ramos cell lysate (20 µg/Lane)
 Lane 5: Jurkat cell lysate (20 µg/Lane)
 Lane 6: C2C12 cell lysate (20 µg/Lane)
 Lane 7: PC-12 cell lysate (20 µg/Lane)

Predicted band size: 34 kDa

Observed band size: 34 kDa

Exposure time: 2 minutes 18 seconds; ECL: K1802;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA722000) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

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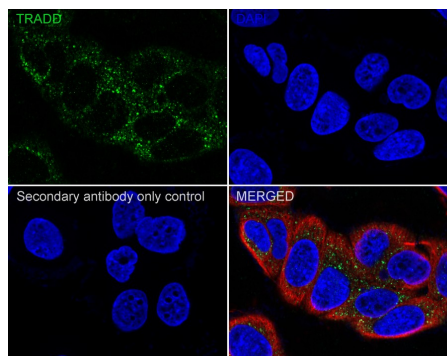
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Fig3: Immunocytochemistry analysis of MCF7 cells labeling TRADD with Rabbit anti-TRADD antibody (HA722000) at 1/100 dilution.



Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-TRADD antibody (HA722000) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488, HA1121) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (M1305-2, red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594, HA1126) was used as the secondary antibody at 1/1,000 dilution.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. Xu D et al. Modulating TRADD to restore cellular homeostasis and inhibit apoptosis. *Nature*. 2020 Nov
2. Feoktistova M et al. RIPK1 and TRADD Regulate TNF-Induced Signaling and Ripoptosome Formation. *Int J Mol Sci*. 2021 Nov

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