

TRADD Rabbit pAb

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Catalog # AP94504

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q3U0V2
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34577
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from the middle of mouse TRADD
Epitope Specificity	111-230/310
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm > cytoskeleton.
SIMILARITY	Contains 1 death domain.
SUBUNIT	Interacts with TRIP12. Heterodimer with TNFRSF1A/TNFR1. Interacts with DAB2IP, FADD, HIPK2, KRT14, KRT16, KRT17, KRT18, RIPK1, SQSTM1, TRAF1, TRAF2 and TRPC4AP.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TNFR1 associated DEATH domain protein; TNFR1-associated DEATH domain protein; TNFRSF1A associated via death domain; TNFRSF1A-associated via death domain; tradd; TRADD_HUMAN; Tumor necrosis factor receptor type 1 associated DEATH domain protein; Tumor necrosis factor receptor type 1-associated DEATH domain protein.

Additional Information

Gene ID	71609
Other Names	Tumor necrosis factor receptor type 1-associated DEATH domain protein, TNFR1-associated DEATH domain protein, TNFRSF1A-associated via death domain, Tradd {ECO:0000303 PubMed:16702408, ECO:0000312 MGI:MGI:109200}
Target/Specificity	Found in all examined tissues.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

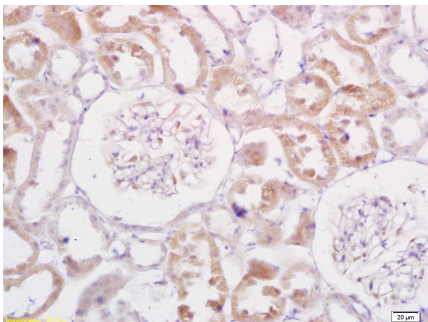
Protein Information

Name	Tradd {ECO:0000303 PubMed:16702408, ECO:0000312 MGI:MGI:109200}
Function	Adapter molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD (By similarity). Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B (By similarity). 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 (PubMed: 22561347).
Cellular Location	Nucleus. Cytoplasm. Cytoplasm, cytoskeleton. Note=Shuttles between the cytoplasm and the nucleus.

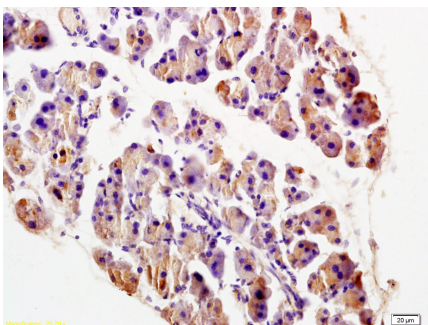
Background

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Images

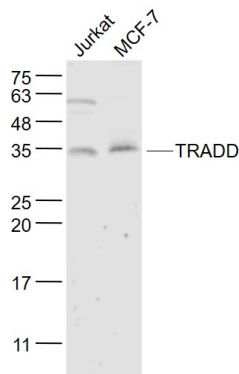
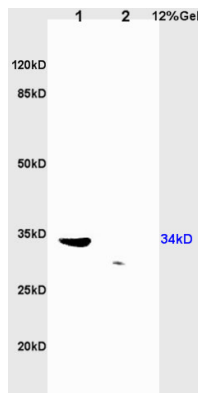


Tissue/cell: rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TRADD Polyclonal Antibody, Unconjugated(AP94504) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

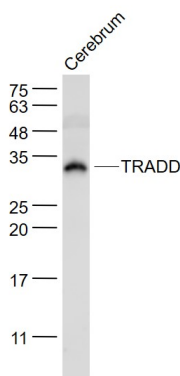


Tissue/cell: rat pancreas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TRADD Polyclonal Antibody, Unconjugated(AP94504) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Sample: Lane1: Colon carcinoma (Human)Lysate at 30 ug
Lane2:Brain(Mouse) Lysate at 30 ug
Primary: Anti-TRADD (AP94504) at 1:200 dilution; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000 dilution;
Predicted band size : 35kD Observed band size : 34kD



Sample: Jurkat(Human) Cell Lysate at 30 ug
MCF-7(Human) Cell Lysate at 30 ug Primary: Anti- TRADD (AP94504) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-TRADD (AP94504) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD

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