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Product datasheet for TA326949

TRADD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human TRADD
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	TNFRSF1A associated via death domain
Database Link:	NP_003780 Entrez Gene 71609 MouseEntrez Gene 8717 Human Q15628

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Background: Apoptosis mediated by death factors like FasL and TNF-a involves the formation of a death-inducing signaling complex (DISC) to their respective receptors. Upon ligand activation to their receptors, Fas and TNF-R1 associate with death domain (DD) containing adaptor proteins FADD (Fas associated death domain) and TRADD (TNF-R1 associated death domain). In addition to its carboxy-terminal DD, FADD contains an amino-terminal death effector domain (DED) that binds to DEDs found on caspase-8 which leads to activation of this initiator caspase. Caspase-8 subsequently activates downstream effector caspases, like caspase-3, resulting in the cleavage of proteins involved in the execution of apoptosis. Unlike FADD, TRADD does not contain a DED. Apoptosis driven by TNF-R1 binding to TRADD involves association of TRADD and FADD which then leads to activation of caspase-8 .

Synonyms: Hs.89862

Protein Families: Druggable Genome

Protein Pathways: Adipocytokine signaling pathway, Apoptosis, RIG-I-like receptor signaling pathway

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