

Product datasheet for **TA305958**

DENN (MADD) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	MADD antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human MADD.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Antibody is DEAE purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	MAP kinase activating death domain
Database Link:	AAD12154 Entrez Gene 8567 Human Q8WYG6



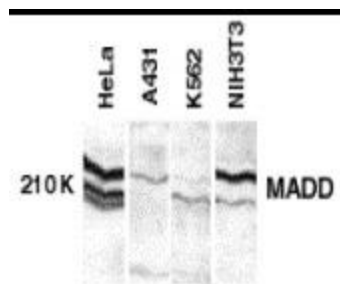
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Background:

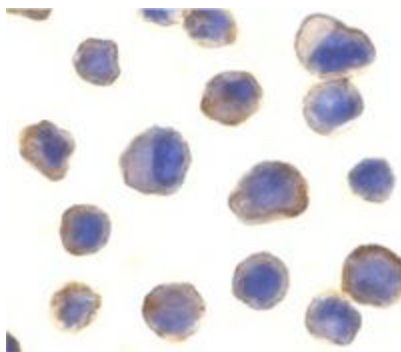
MAP kinase-activating death domain protein (MADD) was initially identified as the type 1 tumor necrosis factor receptor (TNFR1) associated protein through their death domains. Overexpression of MADD activates MAP kinases ERK and JNK and induces the phosphorylation of cytosolic phospholipase A2. MADD shares 98% identity with DENN (for differentially expressed in neoplastic vs. normal cells), which was recently identified as a substrate for c-jun N-terminal kinase 3 (JNK3). MADD has greater than 94% overall identity to a GDP/GTP exchange protein Rab3-GEP. MADD is 87% identical to KIAA0358, a brain protein of unknown function. Identification of MADD as a component of the TNFR1 signaling complex and the similarity between MADD and Rab3-GEP provides a connection between TNFR1 activation and downstream MAP kinase activity through a guanine-nucleotide exchange protein.

Synonyms:

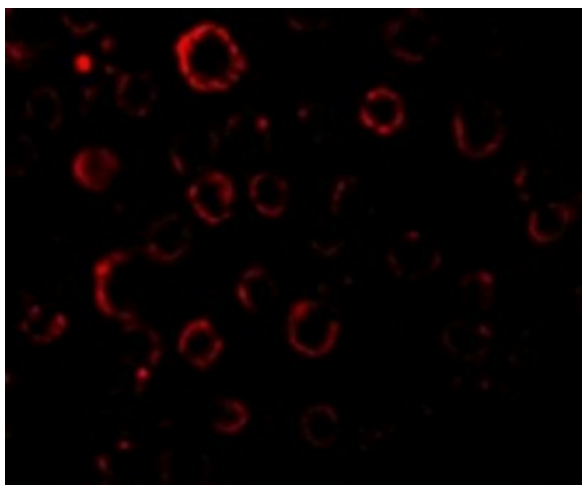
DENN; IG20; RAB3GEP

Product images:

Western blot analysis of MADD in whole cell lysates from the indicated cell lines with MADD antibody at 1:250 dilution.



Immunocytochemistry of MADD in human spleen tissue with MADD antibody at 10 ug/mL.



Immunofluorescence of MADD in HeLa cells with MADD antibody at 20 ug/mL.