

Datasheet for ABIN500216
anti-MADD antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	MADD
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MADD antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	MADD antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human MADD.
Isotype:	IgG
Specificity:	This antibody detects MADD at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	DEAE purified

Target Details

Target:	MADD
Alternative Name:	MADD (MADD Products)

Target Details

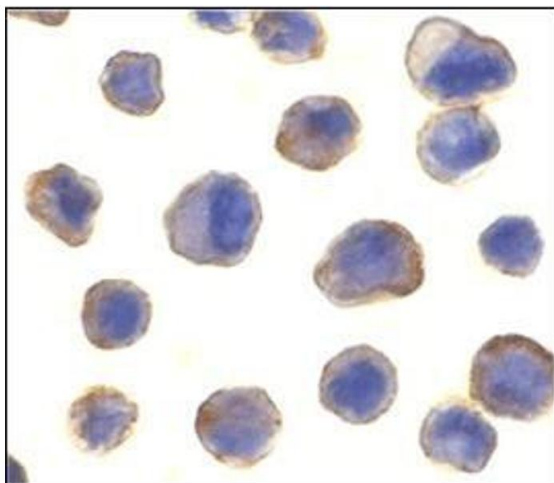
Background:	<p>MAP kinase-activating death domain protein (MADD) was initially identified as the type 1 tumor necrosis factor receptor (TNFR1) associated protein through their death domains.</p> <p>Overexpression of MADD activates MAP kinases ERK and JNK and induces the phosphorylation of cytosolic phospholipase 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, MAP kinase-activating death domain protein, RAB3GEP, Rab3 GDP/GTP exchange factor</p>
Gene ID:	8567
UniProt:	Q8WVG6
Pathways:	Caspase Cascade in Apoptosis

Application Details

Application Notes:	<p>ELISA. Western blot: 1: 250 - 1: 500 dilution, 200 to 220 kDa bands should be detected.</p> <p>Immunocytochemistry.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

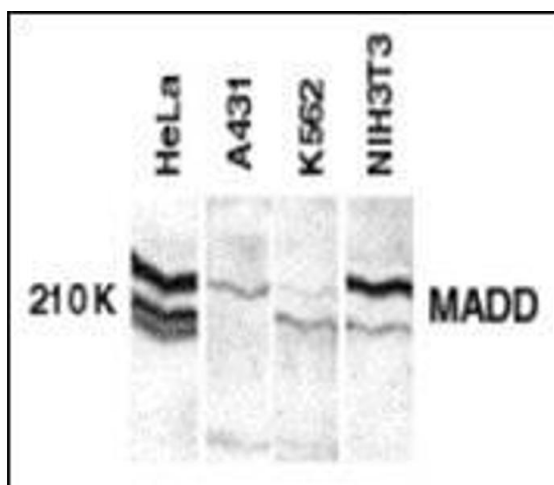
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of MADD in human spleen tissue with this product at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of MADD in whole cell lysates from the indicated cell lines with MAAP30529PU-N at 1:250 dilution.