

For Research Use Only

# MADD Polyclonal antibody

Catalog Number: 29663-1-AP



## Basic Information

<b>Catalog Number:</b> 29663-1-AP	<b>GenBank Accession Number:</b> BC040484	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 220 ug/ml	<b>GeneID (NCBI):</b> 8567	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WXG6	
<b>Isotype:</b> IgG	<b>Full Name:</b> MAP-kinase activating death domain	
<b>Immunogen Catalog Number:</b> AG31292	<b>Calculated MW:</b> 1544 aa, 171 kDa <b>Observed MW:</b> 200-250 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> K-562 cells, HeLa cells <b>IHC :</b> human ovary cancer tissue,
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

MADD, MAP kinase-activating death domain protein, belongs to the DENN family, which regulates the Rab family is small GTPases (PMID: 20937701, PMID: 18559336). MADD plays a role in synaptic vesicle formation and in vesicle trafficking at the neuromuscular junction. MADD is also involved in TNFA-mediated activation of the MAPK pathway, including ERK1/2 (PMID: 32761064). KIF1B  $\beta$  - and KIF1A-mediated axonal transport of presynaptic regulator Rab3 occurs in a GTP-dependent manner through MADD (PMID: 18849981).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:

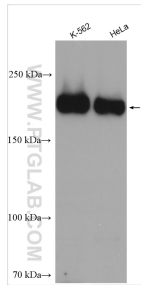
T: 4006900926

E: Proteintech-CN@ptglab.com

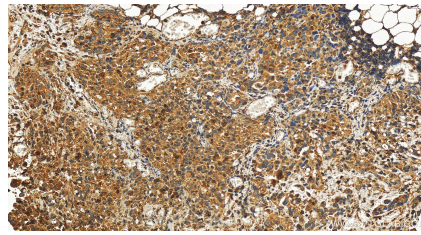
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29663-1-AP (MADD antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29663-1-AP (MADD antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).