

For Research Use Only

# MADD Polyclonal antibody

Catalog Number: 29663-1-AP



## Basic Information

|   |   |  |
|---|---|--|
| <b>Catalog Number:</b><br>29663-1-AP                          | <b>GenBank Accession Number:</b><br>BC040484            | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 220 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>8567                           | <b>Recommended Dilutions:</b><br>WB 1:500-1:3000             |
| <b>Source:</b><br>Rabbit                                      | <b>Full Name:</b><br>MAP-kinase activating death domain |  |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>1544 aa, 171 kDa               |  |
| <b>Immunogen Catalog Number:</b><br>AG31292                   | <b>Observed MW:</b><br>200-250 kDa                      |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : K-562 cells, HeLa cells |
| <b>Species Specificity:</b><br>Human     |   |

## 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). KIF1Bβ- and KIF1A-mediated axonal transport of presynaptic regulator Rab3 occurs in a GTP-dependent manner through MADD (PMID: 18849981).

## Storage

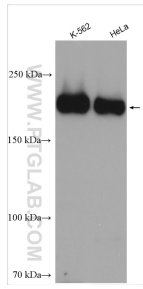
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## 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.