

Rabbit MADD Polyclonal Antibody | anti-MADD antibody

Anti-MADD Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127094	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

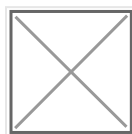
PRODUCT SYNONYMS

MADD; Polyclonal Antibody; Anti-MADD Antibody Picoband; anti-MADD antibody

PRODUCT SPECIFICATIONS

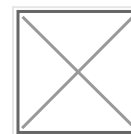
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-MADD antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E coli-derived human MADD recombinant protein (Position: K5-Y329).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of HeLa cells using anti-MADD antibody (AAA127094). Overlay histogram showing HeLa cells stained with AAA127094 (Blue line). The cells were fixed with 4% paraformaldehyde and blocked with 10% normal goat serum. And then incubated with rabbit anti-MADD Antibody (AAA127094, 1ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1ug/1x10⁶) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



WB (Western Blot)

Figure 1. Western blot analysis of MADD using anti-MADD antibody (AAA127094). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human K562 whole cell lysates, Lane 2: human HeLa whole cell lysates, Lane 3: human HEL whole cell lysates, Lane 4: human RT4 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: mouse brain tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MADD antigen affinity purified polyclonal antibody (#AAA127094) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for MADD at approximately 240 kDa. The expected band size for MADD is at 183 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MADD antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
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Product Categories/Family for anti-MADD antibody	Primary Antibodies
References	1. Al-Zoubi, A. M., Efimova, E. V., Kaithamana, S., Martinez, O., El-Azami El-Idrissi, M., Dogan, R. E., Prabhakar, B. S. Contrasting effects of IG20 and its splice isoforms, MADD and DENN-SV, on tumor-necrosis factor alpha-induced apoptosis and activation of caspase-8 and -3. J. Biol. Chem. 276: 47202-47211, 2001. 2. Anazi, S., Maddirevula, S., Salpietro, V., Asi, Y. T., Alsahli, S., Alhashem, A., Shamseldin, H. E., AlZahrani, F., Patel, N., Ibrahim, N., Abdulwahab, F. M., Hashem, M., and 31 others. Expanding the genetic heterogeneity of intellectual disability. Hum. Genet. 136: 1419-1429, 2017. Note: Erratum: Hum. Genet. 137: 105-109, 2018. 3. Chow, V. T. K., Lee, S. S. DENN, a novel human gene differentially expressed in normal and neoplastic cells. DNA Seq. 6: 263-273, 1996.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862998
NCBI GeneID	8567
NCBI Accession #	NP_001129415.1
NCBI GenBank Nucleotide #	NM_001135943.1
UniProt Accession #	Q8WXXG6 ; O15065 ; O15293 ; Q15732 ; Q15741 ; Q8IWD7 ; Q8WXXG3 ; Q8WXXG4 ; Q8WXXG5 ; A8K8S7 ; B5MEE5 ; D3DQR4
Molecular Weight	183,303 Da
NCBI Official Full Name	MAP kinase-activating death domain protein isoform i
NCBI Official Synonym Full Names	MAP-kinase activating death domain
NCBI Official Symbol	MADD
NCBI Official Synonym Symbols	DENN; IG20; RAB3GEP
NCBI Protein Information	MAP kinase-activating death domain protein; Rab3 GDP/GTP exchange factor; insulinoma glucagonoma clone 20; differentially expressed in normal and neoplastic cells
UniProt Protein Name	MAP kinase-activating death domain protein
UniProt Gene Name	MADD
UniProt Synonym Gene Names	DENN; IG20; KIAA0358
UniProt Entry Name	MADD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/madd-antibody-flow-cytometry-western-blot-elisa/127094>