

Rabbit MADD Polyclonal Antibody | anti-MADD antibody

MADD Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324068	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

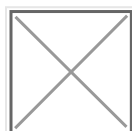
PRODUCT SYNONYMS

MADD; Polyclonal Antibody; MADD Antibody; Differentially expressed in normal and neoplastic cells; FLJ35600; IG20; Insulinoma glucagonoma clone 20; KIAA0358; MADD_HUMAN; MAP kinase-activating death domain protein; Rab3 GDP/GTP exchange factor; RAB3GEP; anti-MADD antibody

PRODUCT SPECIFICATIONS

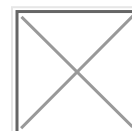
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MADD antibody detects endogenous levels of total MADD
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1544
Applicable Applications for anti-MADD antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Highly expressed in fetal brain and kidney; adult testis, ovary, brain and heart. Isoform 5 is constitutively expressed in all tissues. Isoform 7 is expressed in fetal liver and in several cancer cell lines.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Zebrafish (80%), Bovine (92%), Horse (92%), Sheep (91%), Rabbit (92%), Dog (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324068 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from COLO cells using MADD antibody.



IF (Immunofluorescence)

AAA324068 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MADD antibody	Function: Plays a significant role in regulating cell proliferation, survival and death through alternative mRNA splicing. Isoform 5 shows increased cell proliferation and isoform 2 shows decreased. Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms. Component of the TNFRSF1A signaling complex: MADD links TNFRSF1A with MAP kinase activation. Plays an important regulatory role in physiological cell death (TNF-alpha-induced, caspase-mediated apoptosis); isoform 1 is susceptible to inducing apoptosis, isoform 5 is resistant and isoform 3 and isoform 4 have no effect. Subunit Structure: Interacts with the death domain of TNFRSF1A through its own death domain. Interacts with PIDD1. Similarity: Belongs to the MADD family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862998
NCBI GeneID	8567
NCBI Accession #	NP_001129415.1
NCBI GenBank Nucleotide #	NM_001135943.1
UniProt Accession #	Q8WXG6; O15065; O15293; Q15732; Q15741; Q8IWD7; Q8WXG3; Q8WXG4; Q8WXG5; A8K8S7; B5MEE5; D3DQR4
Molecular Weight	Observed: 183 kD Predicted: 184 kDa
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
UniProt Protein Name	MAP kinase-activating death domain protein
UniProt Gene Name	MADD

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324068>