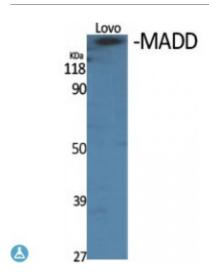


## **Anti-MADD** antibody



**Description** Rabbit polyclonal to MADD.

Model STJ93985

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Applications** ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human MADD

Immunogen Region 720-800 aa, Internal

**Gene ID** <u>8567</u>

Gene Symbol MADD

**Dilution range** WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000

**Specificity** MADD Polyclonal Antibody detects endogenous levels of MADD protein.

**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.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

**Protein Name** MAP kinase-activating death domain protein Differentially expressed in

normal and neoplastic cells Insulinoma glucagonoma clone 20 Rab3

GDP/GTP exchange factor

Molecular Weight 183 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:6766OMIM:603584

Alternative Names MAP kinase-activating death domain protein Differentially expressed in

normal and neoplastic cells Insulinoma glucagonoma clone 20 Rab3

GDP/GTP exchange factor

**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.

Cellular Localization Membrane Cytoplasm

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