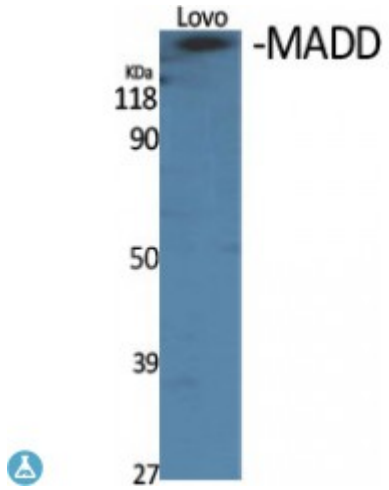
Anti-MADD antibody



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	8567
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