

anti-Mouse, Rat MAD1 Polyclonal Antibody | anti-MAD1 antibody

Anti-MAD1 Antibody

CATALOG # AAA46342	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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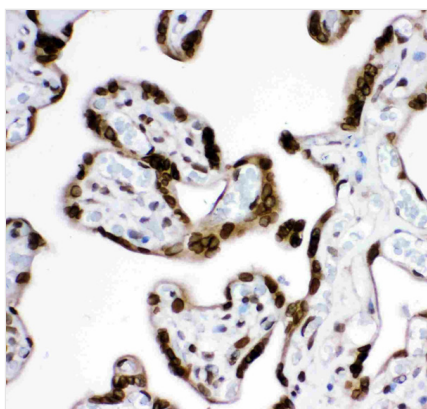
PRODUCT SYNONYMS

MAD1; Polyclonal Antibody; Anti-MAD1 Antibody; Mitotic spindle assembly checkpoint protein MAD1; hMAD1; HsMAD1; MAD1 mitotic arrest deficient like 1 (yeast); MAD1-like protein 1; MAD1L1; MD1L1_HUMAN; Mitotic arrest deficient 1; Mitotic arrest deficient 1-like protein 1; Mitotic checkpoint MAD1 protein homolog; PIG9; Tax binding protein 181; Tax-binding protein 181; TP53I9; Tumor protein p53 inducible protein 9; TXBP181; MAD1 mitotic arrest deficient-like 1 (yeast); anti-MAD1 antibody

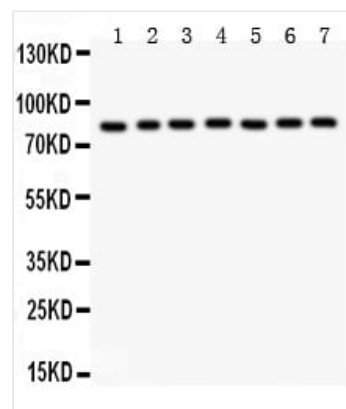
PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	718
Applicable Applications for anti-MAD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human MAD1 recombinant protein (Position: L362-A632). Human MAD1 shares 81% amino acid (aa) sequence identity with mouse MAD1.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

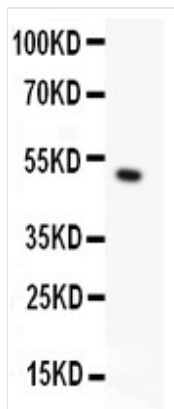
IMAGES


IHC (Immunohistochemisry)

Anti- MAD1 Picoband antibody, AAA46342, IHC(P)IHC(P): Human Placenta Tissue


WB (Western Blot)

Anti- MAD1 Picoband antibody, AAA46342, Western blottingAll lanes: Anti MAD1 (AAA46342) at 0.5ug/mlLane 1: A549 Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: 293T Whole Cell Lysate at 40ugLane 5: SHG Whole Cell Lysate at 40ugLane 6: 22RV1 Whole Cell Lysate at 40ugLane 7: PANC Whole Cell Lysate at 40ugPredicted bind size: 83KDobserved bind size: 83KD



WB (Western Blot)

Anti- MAD1 Picoband antibody, AAA46342, Western blottingAll lanes: Anti MAD1 (AAA46342)
at 0.5ug/mlWB: Recombinant Human MAD1 Protein 0.5ngPredicted bind size: 50KDObserved
bind size: 50KD

ADDITIONAL INFORMATION

Related Product Information for anti-MAD1 antibody	Description: Rabbit IgG polyclonal antibody for Mitotic spindle assembly checkpoint protein MAD1(MAD1L1) detection. Tested with WB, IHC-P in Human;Mouse;Rat Background: Mitotic spindle assembly checkpoint protein MAD1 is a protein that in humans is encoded by the MAD1L1 gene. It is mapped to 7p22.3. MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of anaphase until all chromosome are properly aligned at the metaphase plate. MAD1L1 can function as a homodimer. It localizes to the centrosome during metaphase and to the spindle midzone and the midbody during anaphase and telophase. MAD1L1 may also play a role in cell cycle control and tumor suppression.
References	1. "Entrez Gene: MAD1L1 MAD1 mitotic arrest deficient-like 1 (yeast)" 2. Jin, D.-Y., Kozak, C. A., Pangilinan, F., Spencer, F., Green, E. D., Jeang, K.-T. Mitotic checkpoint locus MAD1L1 maps to human chromosome 7p22 and mouse chromosome 5. Genomics 55: 363-364, 1999. 3. Jin, D.-Y., Spencer, F., Jeang, K.-T. Human T cell leukemia virus type 1 oncoprotein Tax targets the human mitotic checkpoint protein MAD1. Cell 93: 81-91, 1998. 4. Tsukasaki, K., Miller, C. W., Greenspun, E., Eshaghian, S., Kawabata, H., Fujimoto, T., Tomonaga, M., Sawyers, C., Said, J. W., Koeffler, H. P. Mutations in the mitotic check point gene, MAD1L1, in human cancers. Oncogene 20: 3301-3305, 2001.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243369
NCBI GeneID	8379
NCBI Accession #	NP_001013858.1
NCBI GenBank Nucleotide #	NM_001013836.1
UniProt Accession #	Q9Y6D9; Q13312; Q75MI0; Q86UM4; Q9UNH0; B3KR41
Molecular Weight	72,286 Da
NCBI Official Full Name	mitotic spindle assembly checkpoint protein MAD1 isoform a
NCBI Official Synonym Full Names	MAD1 mitotic arrest deficient like 1
NCBI Official Symbol	MAD1L1
NCBI Official Synonym Symbols	MAD1; PIG9; TP53I9; TXBP181
NCBI Protein Information	mitotic spindle assembly checkpoint protein MAD1
UniProt Protein Name	Mitotic spindle assembly checkpoint protein MAD1
UniProt Gene Name	MAD1L1

UniProt Synonym Gene Names	MAD1; TXBP181; MAD1-like protein 1; HsMAD1; hMAD1
UniProt Entry Name	MD1L1_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/mad1-antibody-immunohistochemistry-western-blot-elisa/46342>