

Rabbit anti-Human MAD1 Polyclonal Antibody | anti-MAD1 antibody

Rabbit anti-MAD1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210892	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MAD1; Polyclonal Antibody; Rabbit anti-MAD1 Antibody; Affinity Purified; mitotic-arrest deficient 1; yeast; homolog-like 1; TXBP181; tumor protein p53 inducible protein 9; TP53I9; tax-binding protein 181; PIG9; mitotic spindle assembly checkpoint protein MAD1; mitotic checkpoint MAD1 protein homolog; mitotic arrest deficient 1-like protein 1; MAD1 mitotic arrest deficient like 1; HsMAD1; hMAD1; MAD1-like protein 1; Mitotic spindle assembly checkpoint protein MAD1; mitotic arrest deficient 1 like 1; anti-MAD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MAD1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MAD1 by western blot and immunoprecipitation. Samples: Whole cell lysate (50 ug/lane in A; 50 ug input in B, 1 mg for IP in B) from HeLa cells. In A, HeLa cells were treated with Nocodazole (+) or mock treated (-). Antibody: Affinity purified rabbit anti-MAD1 antibody AAA210892 used at 0.1 ug/ml for western blot (A) and at 1 ug/mg lysate for IP (B). MAD1 was also immunoprecipitated using rabbit anti-MAD1 antibodies BL1689 and BL1690 using 1 ug/mg lysate. In B, MAD1 in input and immunoprecipitate was detected using BL1689 at 0.2 ug/ml. Detection: Chemiluminescence with exposure times of 10 minutes (A) and 5 minutes (B).



WB (Western Blot)

Detection of human MAD1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MAD1 antibody AAA210892 (lot AAA210892-1) used for WB at 0.06 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human MAD1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-MAD1 (Cat. No. AAA210892 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MAD1 antibody	MAD1 (Mitotic Arrest Deficiency 1) is a component of the mitotic spindle-assembly checkpoint that ensures that all chromosomes are aligned at the metaphase plate before the onset of anaphase. MAD1 functions as a homodimer that interacts with and regulates MAD2. MAD1 may play a role in tumor suppression.
Product Categories/Family for anti-MAD1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243332
NCBI GeneID	8379
NCBI Accession #	NP_003541.2
NCBI GenBank Nucleotide #	NM_003550.2
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	mitotic arrest deficient 1 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-immunoprecipitation-western-blot-elisa/210892>