

## Datasheet

### MAD2L2 polyclonal antibody

**Catalog Number:** PAB10075

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of MAD2L2.

**Immunogen:** A synthetic peptide corresponding to amino acids 3-14 of human MAD2L2.

**Host:** Rabbit

**Reactivity:** Human

**Applications:** ELISA, IHC-P, WB-Ce  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Recommend Usage:** ELISA (1:7500-1:30000)  
Western Blot (1:500-1:2000)  
Immunohistochemistry (1:500-1:2000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 20 mM KH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, pH 7.2 (0.01% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10459

**Gene Symbol:** MAD2L2

**Gene Alias:** MAD2B, REV7

**Gene Summary:** The protein encoded by this gene is a component of the mitotic spindle assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. The encoded protein, which is similar to MAD2L1,

is capable of interacting with ADAM9, ADAM15, REV1, and REV3 proteins. [provided by RefSeq]

#### References:

1. MAD2B is an inhibitor of the anaphase-promoting complex. Chen J, Fang G. Genes Dev. 2001 Jul 15;15(14):1765-70.
2. A human REV7 homolog that interacts with the polymerase zeta catalytic subunit hREV3 and the spindle assembly checkpoint protein hMAD2. Murakumo Y, Roth T, Ishii H, Rasio D, Numata S, Croce CM, Fishel R. J Biol Chem. 2000 Feb 11;275(6):4391-7.
3. Evidence for an interaction of the metalloprotease-disintegrin tumour necrosis factor alpha convertase (TACE) with mitotic arrest deficient 2 (MAD2), and of the metalloprotease-disintegrin MDC9 with a novel MAD2-related protein, MAD2beta. Nelson KK, Schlondorff J, Blobel CP. Biochem J. 1999 Nov 1;343 Pt 3:673-80.