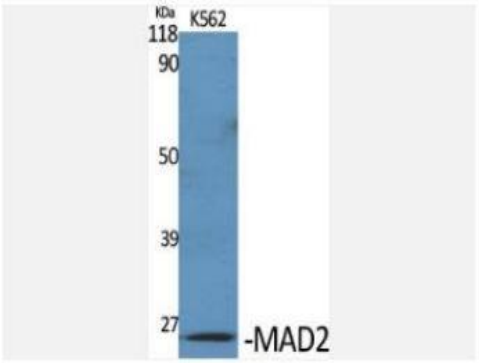
PRODUCT DATA SHEET

MAD2 Polyclonal Antibody

Catalog No.	IPB4263
Reactivity	Human; Mouse; Rat
Applications	WB; IP;ELISA
Dilution	WB: 1:500-1:2000 IP: 1:50 ELISA: 1:5000
Gene Name	MAD2L1
Protein Name	Mitotic spindle assembly checkpoint protein MAD2A
Human Gene Id	4085
Swiss-Prot	Q13257
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Nucleus Chromosome, centromere, kinetochore Cytoplasm Cytoplasm, cytoskeleton, spindle pole Recruited by MAD1L1 to unattached kinetochores (Probable) Recruited to the nuclear pore complex by TPR during interphase Recruited to kinetochores in late prometaphase after BUB1, CENPF, BUB1B and CENPE Kinetochore association requires the presence of NEK2 Kinetochore association is repressed by UBD Sequestered to the cytoplasm upon interaction with isoform 3 of MAD1L1 (PubMed:19010891)
MW	23510
Background	The protein encoded by this gene was identified as a binding protein of the MAD2 mitotic arrest deficient-like 1 (MAD2:MAD2L1) MAD2 is a key component of the spindle checkpoint that delays the onset of anaphase until all the kinetochores are attached to the spindle This protein may interact with the spindle checkpoint and coordinate cell cycle events in late mitosis Alternatively spliced transcript variants encoding distinct isoforms have been observed

Products Images:



Western Blot analysis of various cells using MAD2 Polyclonal Antibody diluted at 1:1000

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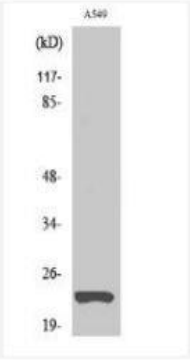
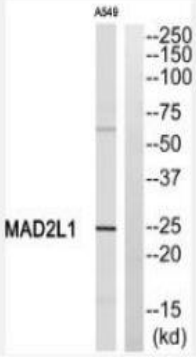


Western Blot analysis of A549 cells using MAD2 Polyclonal Antibody diluted at 1:1000



Western blot analysis of MAD2L1 Antibody. The lane on the right is blocked with the MAD2L1 peptide.