

MAD2L2 Polyclonal Antibody

Catalog number: 12683-1-AP

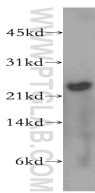
Size: 27 µg/150 µl

Source: Rabbit

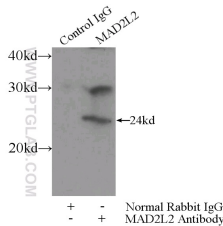
Isotype: IgG

Synonyms:

MAD2L2; hREV7, MAD2 like protein 2, MAD2B, MAD2L2, REV7, REV7 homolog



human brain tissue were subjected to SDS PAGE followed by western blot with 12683-1-AP(MAD2L2 antibody) at dilution of 1:500



IP Result of anti-MAD2L2 (IP:12683-1-AP, 3µg; Detection:12683-1-AP 1:500) with mouse brain tissue lysate 3600µg.

Background

MAD family, together with BUB and Mps1,Cdc20k, play roles in the mitotic spindle checkpoint. MAD2L2 is one of the MAD family. It can mediate the second polymerase switching in translation DNA synthesis by mediating the interaction between the error-prone DNA polymerase zeta catalytic subunit REV3L and the inserter polymerase REV1. Through regulation of the JNK-mediated phosphorylation and activation of the transcriptional activator ELK1, MAD2L2 involves in cellular response to DNA damage. Also it has role in the progression of cell cycle and epithelial-mesenchymal transdifferentiation.

Applications

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|-------------------------|---|
| Tested applications: | ELISA, WB, IP |
| Cited applications: | WB |
| Species specificity: | Human,Mouse,Rat; other species not tested. |
| Cited species: | Human |
| Calculated MAD2L2 MW: | 211aa,24 kDa |
| Observed MAD2L2 MW: | 24kd |
| Positive WB detected in | Human brain tissue, A375 cells, fetal human brain tissue, HEK-293 cells, HeLa cells, human colon tissue, human kidney tissue, K-562 cells, mouse brain tissue |
| Positive IP detected in | Mouse brain tissue |
| Recommended dilution: | WB: 1:500-1:5000 IP: 1:200-1:2000 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

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|---------------------------|--|
| Immunogen: | Ag3373 |
| GenBank accession number: | BC015244 |
| Gene ID (NCBI): | 10459 |
| Full name: | MAD2 mitotic arrest deficient-like 2 (yeast) |

Product information

| | |
|----------------------|---|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |