



# Anti-RDM1 (internal region) polyclonal antibody (CABT-BL3122)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide derived from an internal sequence of Human RDM1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Cellular Localization</b>	Cytoplasm. Nucleus; PML body. Nucleus; Cajal body. Isoform 1 is predominantly cytoplasmic. Isoform 1 colocalized with nuclear promyelocytic leukemia (PML) and Cajal bodies (CB); this association with nuclear bodies is enhanced in response to proteotoxic
<b>Buffer</b>	49.1% PBS, 0.88% Sodium chloride, 50% Glycerol pH: 7.40 Note: PBS is without Mg2+ and Ca2+.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Stable for 12 months at -20°C

## BACKGROUND

<b>Introduction</b>	This gene encodes a protein involved in the cellular response to cisplatin, a drug commonly used in chemotherapy. The protein encoded by this gene contains two motifs: a motif found in
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RAD52, a protein that functions in DNA double-strand breaks and homologous recombination, and an RNA recognition motif (RRM) that is not found in RAD52. The RAD52 motif region in RAD52 is important for protein function and may be involved in DNA binding or oligomerization. Alternatively spliced transcript variants encoding different isoforms have been reported.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">201299</a>
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Protein Refseq	<a href="#">NP_001030008</a>
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UniProt ID	<a href="#">Q8NG50</a>
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