

Product Name: RYBP (11I9) Rabbit Monoclonal Antibody
Catalog #: AMRe17453

Summary

Production Name	RYBP (11I9) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	RYBP
Alternative Names	AAP1; APAP1; cb337; DEDAF; RYBP; rybpa; YEAF1;
Gene ID	23429.0
SwissProt ID	Q8N488.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	25kDa

Background

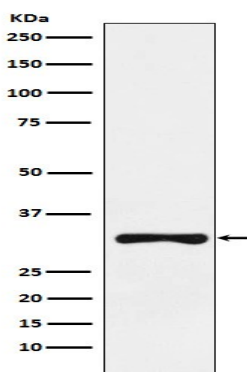
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May be implicated in the regulation of the transcription as a repressor of the transcriptional activity of E4TF1. In tumor cell lines, may induce apoptosis. Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1-like complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility (PubMed:[25519132](http://www.uniprot.org/citations/25519132)). Component of a PRC1-like complex that mediates monoubiquitination of histone H2A 'Lys-119' on the X chromosome and is required for normal silencing of one copy of the X chromosome in XX females. May stimulate ubiquitination of histone H2A 'Lys-119' by recruiting the complex to target sites (By similarity). Inhibits ubiquitination and subsequent degradation of TP53, and thereby plays a role in regulating transcription of TP53 target genes (PubMed:[19098711](http://www.uniprot.org/citations/19098711)). May also regulate the ubiquitin-mediated proteasomal degradation of other proteins like FANK1 to regulate apoptosis (PubMed:[14765135](http://www.uniprot.org/citations/14765135), PubMed:[27060496](http://www.uniprot.org/citations/27060496)). May be implicated in the regulation of the transcription as a repressor of the transcriptional activity of E4TF1 (PubMed:[11953439](http://www.uniprot.org/citations/11953439)). May bind to DNA (By similarity). May play a role in the repression of tumor growth and metastasis in breast cancer by down-regulating SRRM3 (PubMed:[27748911](http://www.uniprot.org/citations/27748911)).

Research Area

Image Data



Western blot analysis of RYBP expression in SW480 cell lysate.

Note

For research use only.

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