

Rabbit anti-Human RBM17 Polyclonal Antibody | anti-RBM17 antibody

Anti-RBM17 Antibody, Rabbit Polyclonal

CATALOG # AAA259009	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

RBM17; Polyclonal Antibody; Anti-RBM17 Antibody; Rabbit Polyclonal; RNA binding motif protein 17; Anti-SPF45 Antibody; anti-RBM17 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RBM17
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-RBM17 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E coli-derived Human RBM17 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human RBM17 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

RBM17 was immunoprecipitated using: Lane A: 0.5 mg U251MG Whole Cell Lysate Lane B: 0.5 mg Raji Whole Cell Lysate 4 uL anti-RBM17 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-RBM17 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 45 kDa Observed band size :45 kDa



WB (Western Blot)

Anti-RBM17 rabbit polyclonal antibody at 1:500 dilution Lane A: U-251 MG Whole Cell Lysate Lane B: Raji Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RBM17 antibody	RBM17 (RNA Binding Motif Protein 17, also known as SPF45) is a Protein Coding gene. The RBM17 gene, located on 10p15.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, and mouse, etc. This gene encodes an RNA binding protein. The encoded protein is part of the spliceosome complex and functions in the second catalytic step of mRNA splicing. RBM17 is frequently overexpressed in many tumors and plays a crucial role in cancer progression and drug resistance. RBM17 may be a therapeutic target in the clinical management of glioma. RBM17 is frequently overexpressed in many solid tumors, and stable expression in HeLa cells confers resistance to doxorubicin and vincristine. Diseases associated with RBM17 include Spinocerebellar Ataxia 1 and Autosomal Dominant Cerebellar Ataxia.
References	Perry WL, 3rd, et al. (2005) Human splicing factor spf45 (rbm17) confers broad multidrug resistance to anticancer drugs when overexpressed--a phenotype partially reversed by selective estrogen receptor modulators. Cancer Res 65 (15): 6593-6600. Lu J, et al. (2018) Rbm17 controls apoptosis and proliferation to promote glioma progression. Biochem Biophys Res Commun 505 (1): 20-28. Li C, et al. (2020) Exploration of the effects of the cyclops gene rbm17 in hepatocellular carcinoma. PLoS One 15 (6): e0234062.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rbm17-antibody-immunoprecipitation-western-blot-elisa/259009>