

Rabbit PML Polyclonal Antibody | anti-PML antibody

Anti-PML Protein Antibody

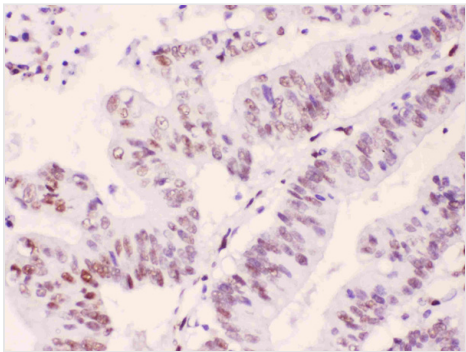
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46841	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

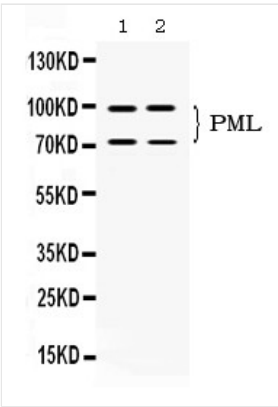
PML; Polyclonal Antibody; Anti-PML Protein Antibody; MYL; Pml; PP8675; Protein PML; RNF 71; TRIM 19; P29590; promyelocytic leukemia; anti-PML antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	633
Applicable Applications for anti-PML antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human PML Protein (141-179aa FECEQLLCAKCFEAHQWFLKHEARPLAELRNQSVREFLD), different from the related mouse sequence by eight amino acids.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
PML Protein was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- PML Protein Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of PML Protein expression in SW620 whole cell lysates (lane 1) and U2OS whole cell lysates (lane 2). PML Protein at 72KD, 90KD was detected using rabbit anti- PML Protein Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-PML antibody	Rabbit IgG polyclonal antibody for Protein PML(PML) detection. Background: The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This phosphoprotein localizes to nuclear bodies where it functions as a transcription factor and tumor suppressor. Its expression is cell-cycle related and it regulates the p53 response to oncogenic signals. The gene is often involved in the translocation with the retinoic acid receptor alpha gene associated with acute promyelocytic leukemia (APL). Extensive alternative splicing of this gene results in several variations of the protein's central and C-terminal regions; all variants encode the same N-terminus. Alternatively spliced transcript variants encoding different isoforms have been identified.
References	1. Dyck, J. A., Maul, G. G., Miller, W. H., Jr., Chen, J. D., Kakizuka, A., Evans, R. M. A novel macromolecular structure is a target of the promyelocyte-retinoic acid receptor oncoprotein. Cell 76: 333-343, 1994. 2. Giorgi, C., Ito, K., Lin, H.-K., Santangelo, C., Wieckowski, M. R., Lebieczinska, M., Bononi, A., Bonora, M., Duszynski, J., Bernardi, R., Rizzuto, R., Tacchetti, C., Pinton, P., Pandolfi, P. P. PML regulates apoptosis at endoplasmic reticulum by modulating calcium release. Science 330: 1247-1251, 2010.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505903
NCBI GeneID	5371
NCBI Accession #	NP_002666.1
NCBI GenBank Nucleotide #	NM_002675.3
UniProt Accession #	P29590; P29591; P29592; P29593; Q00755; Q15959; Q59FP9; Q8WUA0; Q96S41; Q9BPW2; Q9BWP7; E9PBR7
Molecular Weight	47,575 Da
NCBI Official Full Name	protein PML isoform 6
NCBI Official Synonym Full Names	promyelocytic leukemia
NCBI Official Symbol	PML
NCBI Official Synonym Symbols	MYL; RNF71; PP8675; TRIM19
NCBI Protein Information	protein PML
UniProt Protein Name	Protein PML

UniProt Gene Name	PML
UniProt Synonym Gene Names	MYL; PP8675; RNF71; TRIM19

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://www.aaabiotech.com/polyclonal/pml-antibody-immunohistochemistry-western-blot-elisa/46841>