

PML

Reactivity: Human

Tested applications: WB IHC ChIP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ChIP 1:20 - 1:50

Calculated MW: 98kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PML

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

abfl

Synonym:

MYL; RNF71; PP8675; TRIM19;

Catalog #: A7525

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5371/5914

Isotype: IgG

Swiss Prot: P29590

Purity: Affinity purification

For research use only.

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.

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