

[KO Validated] PML Polyclonal Antibody

Catalog No.	A1184	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	70-130kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	47-48kDa/62-97kDa

Immunogen Information

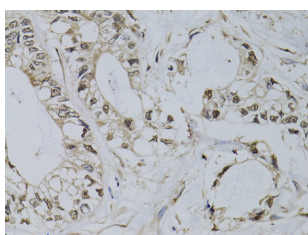
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 300-600 of human PML (NP_150253.2).
Gene ID	5371
Swiss prot	P29590
Synonyms	PML; MYL; PP8675; RNF71; TRIM19; protein PML

Product information

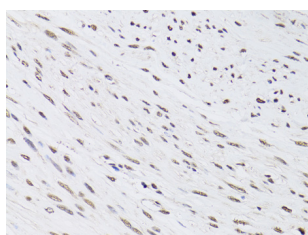
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.



Immunohistochemistry - [KO Validated]
PML Polyclonal Antibody (A1184)



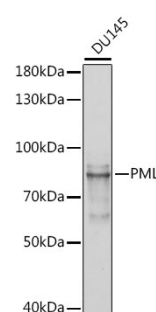
Immunohistochemistry - [KO Validated]
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Recommended Dilutions

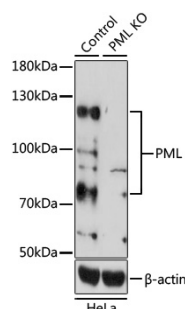
WB 1:500 -
1:2000

IHC 1:50 -
1:200

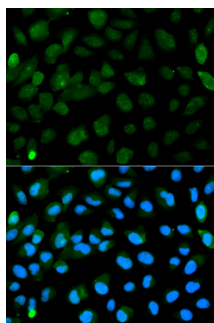
IF 1:50 -
1:200



Western blot - [KO Validated] PML
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Western blot - [KO Validated] PML
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Immunofluorescence - [KO Validated] PML
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