

PML polyclonal antibody

Catalog # PAB24780

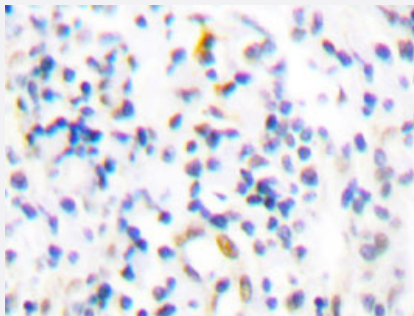
Size

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with PML polyclonal antibody (Cat # PAB24780).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using PML polyclonal antibody (Cat # PAB24780).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PML.
Immunogen	A synthetic peptide corresponding to PML.
Host	Rabbit
Theoretical MW (kDa)	98
Reactivity	Human
Specificity	PML polyclonal antibody detects endogenous levels of PML protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Immunofluorescence

Gene Info — PML

Entrez GeneID	5371
Gene Name	PML
Gene Alias	MYL, PP8675, RNF71, TRIM19
Gene Description	promyelocytic leukemia
Omim ID	102578
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

promyelocytic leukemia protein|promyelocytic leukemia, inducer of|tripartite motif protein TRIM19

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Leukemia](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)