

SP140 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56573**Specification****SP140 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q13342
Reactivity	Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	98223

SP140 Polyclonal Antibody - Additional Information**Gene ID** 11262**Other Names**

Nuclear body protein SP140 {ECO:0000312|HGNC:HGNC:17133}, Lymphoid-restricted homolog of Sp100, LYSp100, Nuclear autoantigen Sp-140, Speckled 140 kDa, SP140 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17133)
target="_blank">HGNC:17133)

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SP140 Polyclonal Antibody - Protein Information**Name** SP140 ([HGNC:17133](#))**Function**

Component of the nuclear body, also known as nuclear domain 10, PML oncogenic domain, and KR body (PubMed:<http://www.uniprot.org/citations/8910577>)>8910577). May be involved in the pathogenesis of acute promyelocytic leukemia and viral infection (PubMed:<http://www.uniprot.org/citations/8910577>)>8910577). May play a role in chromatin-mediated regulation of gene expression although it does not bind to histone H3 tails (PubMed:<http://www.uniprot.org/citations/24267382>)>24267382).

Cellular Location

Nucleus. Nucleus, PML body Cytoplasm. Note=Localized to nuclear structures termed LANDS, for LYSp100-associated nuclear domains. LANDS are globular, electron-dense structures most often found in the nucleoplasm, but also found at the nuclear membrane and in the cytoplasm, suggesting that these structures may traffic between the cytoplasm and the nucleus (PubMed:8695863). Also colocalizes with PML in a subset of PML nuclear bodies (PubMed:8910577)

Tissue Location

High levels in spleen and peripheral blood leukocytes, much lower levels in tonsils, thymus, prostate, ovary, small intestine, and colon (PubMed:8695863, PubMed:8910577). Very low levels in heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas (PubMed:8910577). Not detected in brain, liver and muscle (PubMed:8695863).

SP140 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SP140 Polyclonal Antibody - Images