

SNM1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54923**Specification**

SNM1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6PJ8
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	116400

SNM1 Polyclonal Antibody - Additional Information**Gene ID** 9937**Other Names**

DNA cross-link repair 1A protein, SNM1 homolog A, hSNM1, hSNM1A, DCLRE1A, KIAA0086, SNM1, SNM1A

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.

SNM1 Polyclonal Antibody - Protein Information**Name** DCLRE1A**Synonyms** KIAA0086, SNM1, SNM1A**Function**

May be required for DNA interstrand cross-link repair. Also required for checkpoint mediated cell cycle arrest in early prophase in response to mitotic spindle poisons. Possesses beta-lactamase activity, catalyzing the hydrolysis of penicillin G and nitrocefin (PubMed: [31434986](http://www.uniprot.org/citations/31434986)). Exhibits no activity towards other beta-lactam antibiotic classes including cephalosporins (cefotaxime) and carbapenems (imipenem) (PubMed: [31434986](http://www.uniprot.org/citations/31434986)).

Cellular Location

Nucleus. Note=In some cells it may be found in typically 1 or 2 discrete nuclear aggregates of unknown function which also contain TP53BP1. Also found in multiple discrete nuclear foci which increase in number following treatment with ionizing radiation or interstrand cross-linking agents. These foci overlap with those formed by the MRN complex (composed of MRE11, RAD50 and NBN) and BRCA1

Tissue Location

Expressed in brain, heart, kidney, liver, pancreas, placenta and skeletal muscle.

SNM1 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](#)

SNM1 Polyclonal Antibody - Images