

Datasheet for ABIN7451969
anti-POLM antibody (AA 690-715)



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Overview

Quantity:	20 µg
Target:	POLM
Binding Specificity:	AA 690-715
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLM antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Pol Iota Antibody, Affinity Purified
Immunogen:	between AA 690 and 715
Isotype:	IgG
Predicted Reactivity:	Monkey,Gorilla,Chimpanzee
Purification:	Affinity Purified

Target Details

Target:	POLM
Alternative Name:	Pol Iota (POLM Products)
Background:	Background: Pol Iota is a DNA polymerase involved in DNA repair and translesion DNA

Target Details

synthesis. Pol Iota is a member of the Rad30 family of DNA polymerases which exhibit low fidelity when replicating undamaged DNA, and in this context may play a role in the hypermutation of immunoglobulin genes. Pol Iota is also known as RAD30B and is a paralog of RAD30A, also known as Pol eta.

Gene ID:	11201
NCBI Accession:	NP_009126
UniProt:	Q9UNA4
Pathways:	DNA Damage Repair , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months