

Datasheet for ABIN7452397
anti-POLM antibody (AA 640-690)



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Overview

Quantity:	100 µg
Target:	POLM
Binding Specificity:	AA 640-690
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLM antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Pol Iota Antibody, Affinity Purified
Immunogen:	between AA 640 and 690
Isotype:	IgG
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 synthesis. Pol Iota is a member of the Rad30 family of DNA polymerases which exhibit low

Target Details

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: Not recommended. Use rabbit anti-Pol Iota antibody ABIN7451969.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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