



Anti-POLM (aa 6-18) polyclonal antibody (DPABH-12368)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Gap-filling polymerase involved in repair of DNA double-strand breaks by non-homologous end joining (NHEJ). Participates in immunoglobulin (Ig) light chain gene rearrangement in V(D)J recombination.
Immunogen	Synthetic peptide: RRARVGSPSGDAA, corresponding to amino acids 6-18 of Human DNA polymerase mu.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.20; Constituents: 0.27% Potassium phosphate, 0.88% Sodium chloride
Preservative	0.01% Sodium Azide
Storage	Please see Notes section

GENE INFORMATION

Gene Name	POLM polymerase (DNA directed), mu [Homo sapiens]
Official Symbol	POLM
Synonyms	POLM; polymerase (DNA directed), mu; Tdt-N; Pol Mu; DNA-directed DNA/RNA polymerase mu; Pol iota; DNA polymerase mu; terminal transferase; polymerase (DNA-directed), mu;
Entrez Gene ID	27434
Protein Refseq	NP_001271259.1
UniProt ID	Q9NP87
Pathway	Non-homologous end-joining;
Function	DNA binding; DNA-directed DNA polymerase activity; metal ion binding;