

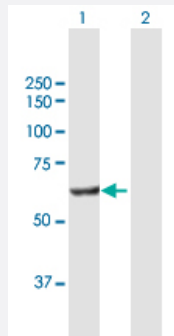
MaxPab®

POLS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00011044-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of POLS expression in transfected 293T cell line ([H00011044-T01](#)) by POLS MaxPab polyclonal antibody.

Lane 1: POLS transfected lysate(59.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human POLS protein.
Immunogen	POLS (NP_008930.1, 1 a.a. ~ 542 a.a) full-length human protein.
Sequence	MSPCPEEAAMRREVVKRIETVVKDLWPTADVQIFGSFSTGLYLPTSDIDLVVFGKWERPPLQLE QALRKHNVAEPCSIKVLDKATVPIIKLTDQETEVKVDISFNMETGVRAAEFIKNYMKKYSLLPYLILVL KQFLLQRDLNEVFTGGISSYSLILMAISFLQLHPRIDARRADENLGMLLVEFFELYGRNFNYLKTGIRI KEGGAYAKEEIMKAMTSGYRPSMLCIEDPLLPGNDVGRSSYGAMQVKQVFDYAYVLSHAVSPLA RSYPNRDAESTLGRIKVTQEVIDYRRWIKWKWGSKAHPSPGMDSRRIKERIATCNGEQTNREPE SPYGQRLTSLSSPQLLSSGSSASSVSSLSGSDVSDTPPCTTPSVYQFSLQAPAPLMAGLPTA LPMPSGKPQPTTSRTLIMTTNNQTRFTIPPPTLGVAPVPCRQAGVEGTASLKAVHHMSSPAIPSAS PNPLSSPHLYHKQHNGMKLSMKGSHGHGTQGGGYSSVSGSGVRPPVGNRGHHQYNRTGWRRKK HTHTRDPLVSLSR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — POLS

Entrez GeneID[11044](#)**GeneBank Accession#**[NM_006999.3](#)**Protein Accession#**[NP_008930.1](#)**Gene Name**

POLS

Gene Alias

LAK-1, POLK, TRF4, TRF4-1

Gene Description

polymerase (DNA directed) sigma

Omim ID[605198](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a DNA polymerase that is likely involved in DNA repair. In addition, the encoded protein may be required for sister chromatid adhesion. [provided by RefSeq]

Other Designations

DNA polymerase kappa|DNA polymerase sigma|OTTHUMP00000115520|polymerase (DNA-directed) sigma|topoisomerase-related function protein 4-1

Pathway

- [RNA degradation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)