

MaxPab®

POP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010940-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human POP1 protein.
Immunogen	POP1 (ADZ15541.1, 1 a.a. ~ 1024 a.a) full-length human protein.
Sequence	MSNAKERKHAKKMRNQPTNVTLSGFGVADRGVKHHSGGEKPFQAQKQEPHPGTSRQRQTRVN PHSLPDPEVNEQSSSKGMFRKKGGWKAGPEGTSQEIPKYITASTFAQARAAEISAMLKAVTQKS SNSLVFQTLPRHMRRRAMSHNVKRLPRRLQEIAQKEAEKAVHQKKEHSKNKCHKARRCHMNRT LEFNRRQKKNWLETHIWHAKRFHVMVKKWGYCLGERPTVKSHRACYRAMTNRCLLDLSYYCCL ELKGKEEEILKALSGMCNIDTGLTFAAVHCLSGKRQGSLVLYRVNKPPEMLGPVTFIWKSQRTPG DPSESRQLWHLHPTLKQDILEEIKAACQCVEPIKSAVCIADPLPTPSQEKSQTELPDEKIGKKRKR KDDGENAKPIKKIIGDGTDPCLPYSWISPTTGIIISDLTMMNRFRLIGPLSHSILTEAIAASVHTVG EDTEETPHRWIETCKKPDVSLHCRQEAIFELLGGITSPAEIPAGTILGLTVGDPRINLPQKKSNA LPNPEKCQDNEKVRQLLLEGVPECTHSFMNQDICKSVTENKISDQDLNMRSELLVPGSQLILG PHESKIPILLIQPGKVTGEDRLGWGSGWDVLLPKGWGMAFWIPFYRGVVRVGGGLKESAVHSQYK RSPNVPGDFFDCPAGMLFAEEQAKNLEKYKRRPPAKRPNYVKLGTLPFCPPWEQLTQDWES RVQAYEEPSVASSPNGKESDLRRSEVPCAPMPKKTQPSDEVGTSIEHPREAEVMDAGCQES AGPERITDQEASENHVAATGSHLCVLRSRKLLKQLSAWCGPSSSEDSRGRRAPGRGQQGLTRE ACLSILGHFPRALVWVSLLSKGSPEPHTMICVPAKEDFLQLHEDWHYCGPQESKHSDPFRSKI LKQKEKKKKREKRQKPGRASSDGPAGEEPVAGQEALTLGLWSGPLPRVTLHCSRTLLGFVTQGD FSMAVGCGEALGFVSLTGLLDMVSSQPAAQRGLVLLRPPASLQYRFARIAIEV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (75)
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — POP1

Entrez GeneID [10940](#)

GeneBank Accession# [JF432324.1](#)

Protein Accession# [ADZ15541.1](#)

Gene Name POP1

Gene Alias KIAA0061, MGC17365

Gene Description processing of precursor 1, ribonuclease P/MRP subunit (S. cerevisiae)

Omim ID [602486](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the protein subunit of two different small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is a ribonuclease that localizes to the nucleus and functions in pre-RNA processing. This protein is also an autoantigen in patients suffering from connective tissue diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations 4932434G09Rik|processing of precursor 1, ribonuclease P/MRP subunit|processing of precursor s 1|ribonucleases P/MRP protein subunit

Disease

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- [Esophageal Neoplasms](#)