

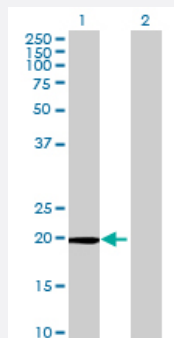
MaxPab®

POLR2G MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005436-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of POLR2G expression in transfected 293T cell line ([H00005436-T01](#)) by POLR2G MaxPab polyclonal antibody.

Lane 1: POLR2G transfected lysate(18.92 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human POLR2G protein.
Immunogen	POLR2G (NP_002687.1, 1 a.a. ~ 172 a.a) full-length human protein.
Sequence	MFYHISLEHEILLHPRYFGPNLLNTVKQKLFTEVEGTCTGKYGFVIAVTTIDNIGAGVIQPGRGFVLYP VKYKAIFRPFKGEVVDAVVTQVNKVGLEIGPMSCFISRHSIPSEMEFDPNSNPPCYKTMDEDI VIQQDDEIRLKMVGTRVDKNDIFAIGSLMDDYGLVS
Host	Mouse
Reactivity	Human
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 — POLR2G

Entrez GeneID [5436](#)

GeneBank Accession# [NM_002696.1](#)

Protein Accession# [NP_002687.1](#)

Gene Name POLR2G

Gene Alias MGC138367, MGC138369, RPB7, hRPB19, hsRPB7

Gene Description polymerase (RNA) II (DNA directed) polypeptide G

Omim ID [602013](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation. [provided by RefSeq]

Other Designations DNA directed RNA polymerase II 19 kda polypeptide|DNA directed RNA polymerase II polypeptide G|RNA polymerase II seventh subunit

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA polymerase](#)