

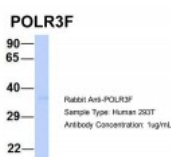


## POLR3F Antibody

CATALOG NUMBER: 26-338



Antibody used in WB on Human 721\_B at 0.2-1 ug/ml.



Antibody used in WB on Human 293T at 1 ug/ml.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	POLR3F antibody can be used for detection of POLR3F by ELISA at 1:62500. POLR3F antibody can be used for detection of POLR3F by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>POSITIVE CONTROL:</b>	1) 721_B Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	36 kDa
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human POLR3F.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4°C. For longer periods of storage, store POLR3F antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	POLR3F, MGC13517, RPC39, RPC6
<b>ACCESSION NO.:</b>	NP_006457
<b>PROTEIN GI NO.:</b>	33598952

**OFFICIAL SYMBOL:** POLR3F

**GENE ID:** 10621

### Background

**BACKGROUND:** POLR3F is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). Unlike most of the other RNA Pol III subunits, the encoded protein is unique to this polymerase. The protein encoded by this gene is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). Unlike most of the other RNA Pol III subunits, the encoded protein is unique to this polymerase.

**REFERENCES:** 1) Stelzl, U., (2005) Cell 122 (6), 957-968.

**FOR RESEARCH USE ONLY**

December 12, 2016