

## Product datasheet for **TA346781**

### **POLR1D Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-POLR1D antibody: synthetic peptide directed towards the middle region of human POLR1D. Synthetic peptide located within the following region: TRGTLPAVEPFQRGLNELMNVCQHVLDKFEASIKDYKDQKASRNESTF
<b>Formulation:</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Purification:</b>	Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	15 kDa
<b>Gene Name:</b>	polymerase (RNA) I subunit D
<b>Database Link:</b>	<a href="#">NP_057056</a> <a href="#">Entrez Gene 51082 Human</a> <a href="#">P0DPB6</a>
<b>Background:</b>	The protein encoded by this gene is a component of the RNA polymerase I and RNA polymerase III complexes, which function in the synthesis of ribosomal RNA precursors and small RNAs, respectively. Mutations in this gene are a cause of Treacher Collins syndrome (TCS), a craniofacial development disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2011]
<b>Synonyms:</b>	AC19; POLR1C; RPA9; RPA16; RPAC2; RPC16; RPO1-3; TCS2
<b>Note:</b>	Immunogen Sequence Homology: Human: 100%; Dog: 93%; Bovine: 86%; Rabbit: 86%



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**Protein Families:** Stem cell - Pluripotency, Transcription Factors

**Protein Pathways:** Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**



WB Suggested Anti-POLR1D Antibody Titration:  
0.2-1 ug/ml; Positive Control: Human Lung