

## Product datasheet for **TA327196S**

### **RPB11 (POLR2J) Rabbit Polyclonal Antibody**

#### **Product data:**

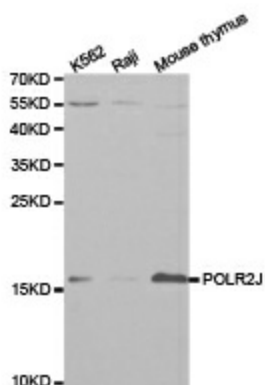
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, WB
<b>Recommended Dilution:</b>	WB 1:500 - 1:2000;IF 1:50 - 1:200
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant protein of human POLR2J
<b>Formulation:</b>	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<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>Gene Name:</b>	polymerase (RNA) II subunit J
<b>Database Link:</b>	<a href="#">NP_006225</a> <a href="#">Entrez Gene 20022 Mouse</a> <a href="#">Entrez Gene 5439 Human</a> <a href="#">P52435</a>
<b>Background:</b>	This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13.
<b>Synonyms:</b>	hRPB14; POLR2J1; RPB11; RPB11A; RPB11m
<b>Protein Families:</b>	Transcription Factors



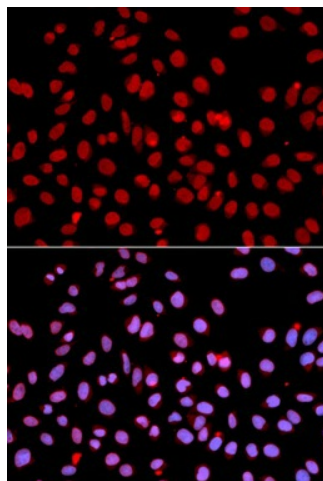
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**Protein Pathways:** Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**



Western blot analysis of extracts of various cell lines, using POLR2J antibody.



Immunofluorescence analysis of U2OS cell using POLR2J antibody. Blue: DAPI for nuclear staining.