

## **Product datasheet for TA322526**

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## RNA Polymerase II p14.5 (POLR2I) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** 

Recommended Dilution: WB: 1:500-2000

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: lgG

Clonality: Polyclonal

Immunogen: Full length fusion protein

PBS pH7.3, 0.05% NaN3, 50% glycerol Formulation:

Concentration: lot specific

**Purification:** Antigen affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 15 kDa

Gene Name: polymerase (RNA) II subunit I

Database Link: NP 006224

Entrez Gene 69920 MouseEntrez Gene 292778 RatEntrez Gene 5438 Human

P36954

Background: This gene encodes a subunit of RNA polymerase II, the polymerase responsible for

> synthesizing messenger RNA in eukaryotes. This subunit, in combination with two other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA. The product of this gene has two zinc finger motifs

with conserved cysteines and the subunit does possess zinc binding activity.

Synonyms: hRPB14.5: RPB9

**Protein Families: Transcription Factors** 

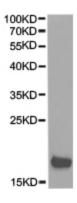




**Protein Pathways:** 

Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

## **Product images:**



Predicted band size: 15 kDa. Positive control: LO2 cell lysate. Recommended dilution: 1/500-2000. (Gel: 12%SDS-PAGE Lysate: 40 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit lgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)