

## POLR3K

**Reactivity:**Human

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**12kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human POLR3K

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

C11; My010; RPC10; RPC11; RPC12.5; C11-RNP3;

**Background:**

This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. Pseudogenes of this gene are found on chromosomes 13 and 17.

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**Catalog #:**A6467

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**51728

**Isotype:**IgG

**Swiss Prot:**Q9Y2Y1

**Purity:**Affinity purification

For research use only.