
Product Name: POLR3H Rabbit Polyclonal Antibody**Catalog #: APRab16364**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000 |
| Molecular Weight | 23kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | POLR3H POLR3H; KIAA1665; RPC8; DNA-directed RNA polymerase III subunit RPC8; RNA polymerase |
| Alternative Names | III subunit C8; DNA-directed RNA polymerase III subunit H; RNA polymerase III subunit 22.9 kDa subunit; RPC22.9 |
| Gene ID | 171568.0 |
| SwissProt ID | Q9Y535 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human RPC8. AA range:151-200 |

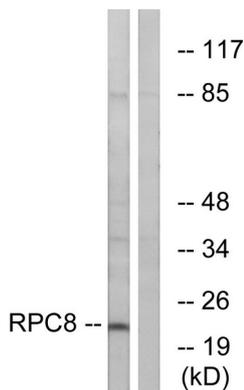
Background

function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs.,similarity:Belongs to the eukaryotic RPB7/RPC8 RNA polymerase subunit family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with CRCP/RPC9. POLR3H/RPC8 and CRCP/RPC9 probably form a Pol III subcomplex.,function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs.,similarity:Belongs to the eukaryotic RPB7/RPC8 RNA polymerase subunit family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with CRCP/RPC9. POLR3H/RPC8 and CRCP/RPC9 probably form a Pol III subcomplex.,

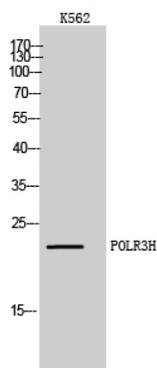
Research Area

Purine metabolism;Pyrimidine metabolism;RNA polymerase;Cytosolic DNA-sensing pathway;

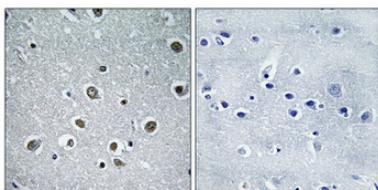
Image Data



Western blot analysis of lysates from K562 cells, using RPC8 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of K562 cells using POLR3H Polyclonal Antibody diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4° overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

