



# POLR3H rabbit pAb

Cat No.:ES5004

For research use only

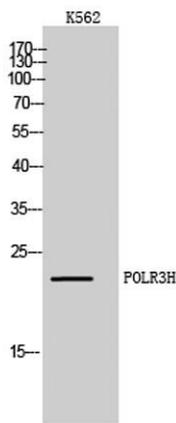
## Overview

<b>Product Name</b>	POLR3H rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RPC8. AA range:151-200
<b>Specificity</b>	POLR3H Polyclonal Antibody detects endogenous levels of POLR3H protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DNA-directed RNA polymerase III subunit RPC8
<b>Gene Name</b>	POLR3H
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	23kD
<b>Human Gene ID</b>	171568
<b>Human Swiss-Prot Number</b>	Q9Y535
<b>Alternative Names</b>	POLR3H; KIAA1665; RPC8; DNA-directed RNA polymerase III subunit RPC8; RNA polymerase III subunit C8; DNA-directed RNA polymerase III subunit H; RNA polymerase III subunit 22.9 kDa subunit; RPC22.9
<b>Background</b>	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four

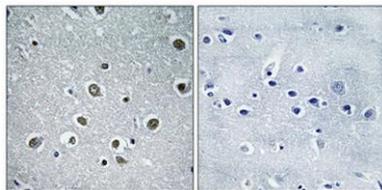




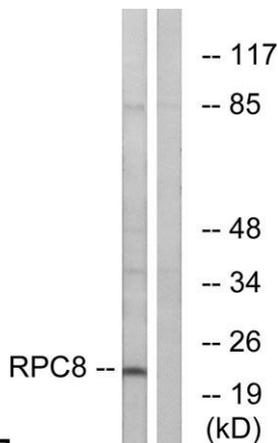
ribonucleoside triphosphates as substrates. Specific peripheral component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs.,similarity:Belongs to the eukaryotic RPB7/PC8 RNA polymerase subunit family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with CRCP/PC9. POLR3H/PC8 and CRCP/PC9 probably form a Pol III subcomplex.,



Western Blot analysis of K562 cells using POLR3H Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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 control (right) obtained from antibody was pre-absorbed by i



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

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