

POLR3H Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP07326

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human RPC8. AA range:151-200

Mol wt 22918

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name POLR3H Antibody

Synonyms 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

POLR3H (Polymerase (RNA) III Subunit H) is a Protein Coding gene. Among its related pathways are Gene Expression and Metabolism. GO annotations related to this gene include DNA-directed RNA polymerase activity and RNA polymerase III activity. NA-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. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF- Kappa-B through the RIG-I pathway (By similarity).

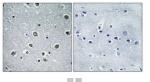
Recommended Dilution

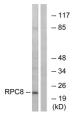
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

Images

188-100-70-76-40-35-25-—— POLRSH Western Blot analysis of K562 cells using POLR3H Polyclonal Antibody diluted at 1:1000 cells nucleus.





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

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

Storage

-20°C for one year

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