

Rabbit anti-Human POLR3H Polyclonal Antibody | anti-POLR3H antibody

Anti-POLR3H Antibody, Rabbit Polyclonal

CATALOG # AAA256794	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

POLR3H; Polyclonal Antibody; Anti-POLR3H Antibody; Rabbit Polyclonal; POLR3H Antibody; Rabbit PAb; Antigen Affinity Purified; polymerase (RNA) III (DNA directed) polypeptide H (22.9kD); Anti-RP3-347H13.9 Antibody; Anti-RPC22.9 Antibody; Anti-RPC8 Antibody; anti-POLR3H antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human POLR3H
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-POLR3H antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human POLR3H fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human POLR3H fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of POLR3H in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human POLR3H polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human POLR3H in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human POLR3H in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-POLR3H antibody	POLR3H (RNA Polymerase III Subunit H) is a Protein Coding gene. The POLR3H gene, located on 22q13.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, S.cerevisiae, K.lactis, E.gossypii, S.pombe, M.oryzae, A.thaliana, rice, and frog. POLR3H is a Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. POLR3H is widely expressed in the heart, kidney, and other tissues. Diseases associated with POLR3H include 46, Xx Sex Reversal 1, and Infantile Cerebellar-Retinal Degeneration. Among its related pathways are RNA Polymerase II Transcription Initiation And Promoter Clearance and Transcription of tRNA. 241 organisms have orthologs with the human gene POLR3H.
References	Jang KL, et al. (1992) The human immunodeficiency virus tat protein increases the transcription of human alu repeated sequences by increasing the activity of the cellular transcription factor tfliic. J Acquir Immune Defic Syndr (1988) 5 (11): 1142-1147.Greco-Stewart VS, et al. (2009) The hepatitis delta virus rna genome interacts with the human rna polymerases i and iii. Virology 386 (1): 12-15.Franca MM, et al. (2019) Exome sequencing reveals the polr3h gene as a novel cause of primary ovarian insufficiency. J Clin Endocrinol Metab 104 (7): 2827-2841.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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