Datasheet for ABIN7602325

anti-POLR3F antibody (AA 7-312)

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Overview

Quantity:	100 µg
Target:	POLR3F
Binding Specificity:	AA 7-312
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3F antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-POLR3F Antibody Picoband®
Immunogen:	E.coli-derived human POLR3F recombinant protein (Position: K7-E312). Human POLR3F shares 98.7% amino acid (aa) sequence identity with mouse POLR3F.
Characteristics:	Anti-POLR3F Antibody Picoband® (ABIN7602325). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	POLR3F
Alternative Name:	POLR3F (POLR3F Products)
Background:	DNA-ed RNA polymerase III subunit RPC6 is an enzyme that in humans is encoded by the POLR3F gene. The protein encoded by this gene is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). Unlike most of the other RNA Pol III subunits, the encoded protein is unique to this polymerase. Alternative splicing results in multiple transcript variants.
Molecular Weight:	36 kDa
Gene ID:	10621
UniProt:	Q9H1D9

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Carter-Timofte, M. E., Hansen, A. F., Mardahl, M., Fribourg, S., Rapaport, F., Zhang, S.-Y., Casanova, J.-L., Paludan, S. R., Christiansen, M., Larsen, C. S., Mogensen, T. H. Varicella-zoster virus CNS vasculitis and RNA polymerase III gene mutation in identical twins. Neurol. Neuroimmun. Neuroinflamm. 5: e500, 2018. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 04/26/2017. 3. Wang, Z., Roeder, R. G. Three human RNA polymerase III-specific subunits form a subcomplex with a selective function in specific transcription initiation. Genes Dev. 11: 1315-1326, 1997.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.