

Datasheet for ABIN7599585
anti-POLR1D antibody (AA 10-133)



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Overview

Quantity:	100 µg
Target:	POLR1D
Binding Specificity:	AA 10-133
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR1D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-POLR1D Antibody Picoband®
Immunogen:	E.coli-derived human POLR1D recombinant protein (Position: K10-F133). Human POLR1D shares 90.3% amino acid (aa) sequence identity with mouse POLR1D.
Characteristics:	Anti-POLR1D Antibody Picoband® (ABIN7599585). Tested in WB, 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:	POLR1D
Alternative Name:	POLR1D (POLR1D Products)
Background:	DNA-ed RNA polymerases I and III subunit RPAC2 is a protein that in humans is encoded by the POLR1D gene. The protein encoded by this gene is a component of the RNA polymerase I and RNA polymerase III complexes, which function in the synthesis of ribosomal RNA precursors and small RNAs, respectively. Mutations in this gene are a cause of Treacher Collins syndrome (TCS), a craniofacial development disorder. Alternative splicing results in multiple transcript variants.
Molecular Weight:	20 kDa
Gene ID:	51082

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Benedetti, F., Amanzio, M., Rosato, R., Blanchard, C. Nonopioid placebo analgesia is mediated by CB1 cannabinoid receptors. Nature Med. 17: 1228-1230, 2011. 2. Berghuis, P., Dobszay, M. B., Wang, X., Spano, S., Ledda, F., Sousa, K. M., Schulte, G., Ernfors, P., Mackie, K., Paratcha, G., Hurd, Y. L., Harkany, T. Endocannabinoids regulate interneuron migration and morphogenesis by transactivating the TrkB receptor. Proc. Nat. Acad. Sci. 102: 19115-19120, 2005. 3. Berghuis, P., Rajnicek, A. M., Morozov, Y. M., Ross, R. A., Mulder, J., Urban, G. M., Monory, K., Marsicano, G., Matteoli, M., Canty, A., Irving, A. J., Katona, I., Yanagawa, Y., Rakic, P., Lutz, B., Mackie, K., Harkany, T. Hardwiring the brain: endocannabinoids shape neuronal connectivity. Science 316: 1212-1216, 2007.
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.
Storage:	4 °C, -20 °C

Handling

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.