Datasheet for ABIN7598993

anti-PTRHD1 antibody (AA 1-140)

Go to Product page

Overview

Quantity:	100 µg
Target:	PTRHD1
Binding Specificity:	AA 1-140
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTRHD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-PTRHD1 Antibody Picoband®
Immunogen:	E.coli-derived human C2orf79/PTRHD1 recombinant protein (Position: M1-K140). Human C2orf79/PTRHD1 shares 89.3% amino acid (aa) sequence identity with mouse C2orf79/PTRHD1.
Characteristics:	Anti-PTRHD1 Antibody Picoband® (ABIN7598993). Tested in WB, IHC, 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:	PTRHD1
Alternative Name:	PTRHD1 (PTRHD1 Products)
Background:	This gene encodes the enzyme peptidyl-tRNA hydrolase. Peptidyl-tRNA hydrolases perform the essential function of recycling peptidyl-tRNAs. Mutations in this gene are associated with autosomal-recessive intellectual disability and parkinsonism.
Molecular Weight:	16 kDa
Gene ID:	391356

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry, 2-5 µg/mL, 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. Al-Kasbi, G., Al-Saegh, A., Al-Qassabi, A., Al-Jabry, T., Zadjali, F., Al-Yahyaee, S., Al-Maawali, A. Biallelic PTRHD1 frameshift variants associated with intellectual disability, spasticity, and parkinsonism. Mov. Disord. Clin. Pract. 8: 1253-1257, 2021. 2. Cheraghi, S., Moghbelinejad, S., Najmabadi, H., Kahrizi, K., Najafipour, R. The PTRHD1 mutation in intellectual disability. Arch. Iran. Med. 24: 747-751, 2021. 3. Elahi, E. PTRHD1 and possibly ADORA1 mutations contribute to Parkinsonism with intellectual disability. Mov. Disord. 33: 174, 2018.
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
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.