

Datasheet for ABIN7602309
anti-C1ORF170 antibody (AA 69-763)



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Overview

Quantity:	100 µg
Target:	C1ORF170
Binding Specificity:	AA 69-763
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C1ORF170 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF), Western Blotting (WB)

Product Details

Purpose:	Anti-PERM1 Antibody Picoband®
Immunogen:	E.coli-derived human PERM1 recombinant protein (Position: R69-N763). Human PERM1 shares 50.1% amino acid (aa) sequence identity with mouse PERM1.
Characteristics:	Anti-PERM1 Antibody Picoband® (ABIN7602309). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human. 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:	C10RF170
Alternative Name:	PERM1 (C10RF170 Products)
Background:	PERM1 is predicted to play a role in glucose and lipid metabolism, energy transfer, and muscle contraction. In mouse muscle cells, Perm1 functions downstream of peroxisome proliferator-activated receptor-gamma coactivator-1 and estrogen-related receptors and regulates a subset of Pgc1- and Err-dependent genes.
Molecular Weight:	75 kDa
Gene ID:	84808

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg /1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Cho, Y., Hazen, B. C., Russell, A. P., Kralli, A. Peroxisome proliferator-activated receptor-gamma coactivator 1 (PGC-1)- and estrogen-related receptor (ERR)-induced regulator in muscle 1 (PERM1) is a tissue-specific regulator of oxidative capacity in skeletal muscle cells. J. Biol. Chem. 288: 25207-25218, 2013. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 8/4/2014.
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.