Datasheet for ABIN7601216

anti-C7orf30 antibody (AA 30-234)

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Overview

Quantity:	100 µg
Target:	C7orf30
Binding Specificity:	AA 30-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C7orf30 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Anti-C7orf30/MALSU1 Antibody Picoband®
Immunogen:	E.coli-derived human MALSU1 recombinant protein (Position: A30-E234). Human C7orf30/MALSU1 shares 74.4% amino acid (aa) sequence identity with mouse MALSU1.
Characteristics:	Anti-C7orf30/MALSU1 Antibody Picoband® (ABIN7601216). Tested in WB, IHC, 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:	C7orf30
Alternative Name:	MALSU1 (C7orf30 Products)
Background:	MALSU1 is a gene on chromosome 7 in humans that encodes the protein MALSU1. This protein localizes to mitochondria and is probably involved in mitochondrial translation or the biogenesis of the large subunit of the mitochondrial ribosome. C7orf30, also known asMALSU1, is a member ofthe iojap protein family. Itwas predicted to enable ribosomal large subunit binding activity. ItwasInvolved in negative regulation of mitochondrial translation and ribosomal large subunit biogenesis.
Molecular Weight:	24 kDa
Gene ID:	115416

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry, 2-5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 5/7/2012. 2. Rorbach, J., Gammage, P. A., Minczuk, M. C7orf30 is necessary for biogenesis of the large subunit of the mitochondrial ribosome. Nucleic Acids Res. 40: 4097-4109, 2012. Note: Erratum: Nucleic Acids Res. 44: 992 only, 2016. 3. Wanschers, B. F. J., Szklarczyk, R., Pajak, A., van den Brand, M. A. M., Gloerich, J., Rodenburg, R. J. T., Lightowlers, R. N., Nijtmans, L. G., Huynen, M. A. C7orf30 specifically associates with the large subunit of the mitochondrial ribosome and is involved in translation. Nucleic Acids Res. 40: 4040-4051, 2012.
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.