

Datasheet for ABIN7600384
anti-PHF10 antibody (AA 185-480)



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Overview

Quantity:	100 µg
Target:	PHF10
Binding Specificity:	AA 185-480
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PHF10 Antibody Picoband®
Immunogen:	E.coli-derived human PHF10 recombinant protein (Position: Q185-R480). Human PHF10 shares 95.9% and 96.6% amino acid (aa) sequence identity with mouse and rat PHF10, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-PHF10 Antibody Picoband® (ABIN7600384). Tested in ELISA, WB, Flow Cytometry 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:	PHF10
Alternative Name:	PHF10 (PHF10 Products)
Background:	<p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: PHD finger protein 10 is a protein that in humans is encoded by the PHF10 gene. This gene contains a predicted ORF that encodes a protein with two zinc finger domains. The function of the encoded protein is not known. Sequence analysis suggests that multiple alternatively spliced transcript variants are derived from this gene but the full-length nature of only two of them is known. These two splice variants encode different isoforms. A pseudogene for this gene is located on Xq28.</p>
Molecular Weight:	56 kDa
Gene ID:	55274

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Aradhya, S., Woffendin, H., Bonnen, P., Heiss, N. S., Yamagata, T., Esposito, T., Bardaro, T., Poustka, A., D'Urso, M., Kenwick, S., Nelson, D. L. Physical and genetic characterization reveals a pseudogene, an evolutionary junction, and unstable loci in distal Xq28. Genomics 79: 31-40, 2002. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 10/5/2009. 3. Yoo, A. S., Staahl, B. T., Chen, L., Crabtree, G. R. MicroRNA-mediated switching of chromatin-remodelling complexes in neural development. Nature 460: 642-646, 2009. Note: Erratum: Nature 461: 296 only, 2009.</p>
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Application Details

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.