

Datasheet for ABIN7599213
anti-PHF11 antibody (AA 1-284)



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Overview

Quantity:	100 µg
Target:	PHF11
Binding Specificity:	AA 1-284
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PHF11 Antibody Picoband®
Immunogen:	E.coli-derived human PHF11 recombinant protein (Position: M1-K284). Human PHF11 shares 57.4% and 57.3% amino acid (aa) sequence identity with mouse and rat PHF11, respectively
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-PHF11 Antibody Picoband® (ABIN7599213). Tested in ELISA, IF, ICC, WB, Flow Cytometry 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: PHF11

Alternative Name: PHF11 ([PHF11 Products](#))

Background: 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

Tissue Specificity: Expressed in all tissues.

Background: This gene encodes a protein containing a PHD (plant homeodomain) type zinc finger. This gene has been identified in some studies as a candidate gene for asthma. Naturally-occurring readthrough transcription may occur from the upstream SETDB2 (SET domain bifurcated 2) gene to this locus. Alternative splicing results in multiple transcript variants.

Molecular Weight: 34 kDa

Gene ID: 51131

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/1x10⁶ cells, Human
ELISA, 0.1-0.5 µg/mL, -
1. Anderson, G. G., Leaves, N. I., Bhattacharyya, S., Zhang, Y., Walshe, V., Broxholme, J., Abecasis, G., Levy, E., Zimmer, M., Cox, R., Cookson, W. O. C. M. Positive association to IgE levels and a physical map of the 13q14 atopy locus. *Europ. J. Hum. Genet.* 10: 266-270, 2002. 2. Scanlan, M. J., Gordan, J. D., Williamson, B., Stockert, E., Bander, N. H., Jongeneel, V., Gure, A. O.,

Application Details

Jager, D., Jager, E., Knuth, A., Chen, Y.-T., Old, L. J. Antigens recognized by autologous antibody in patients with renal-cell carcinoma. *Int. J. Cancer* 83: 456-464, 1999. 3. Zhang, Y., Leaves, N. I., Anderson, G. G., Ponting, C. P., Broxholme, J., Holt, R., Edser, P., Bhattacharyya, S., Dunham, A., Adcock, I. M., Pulleyn, L., Barnes, P. J., and 11 others. Positional cloning of a quantitative trait locus on chromosome 13q14 that influences immunoglobulin E levels and asthma. *Nature Genet.* 34: 181-186, 2003.

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.