

Datasheet for ABIN7601467  
**anti-PHF15 antibody (AA 36-260)**



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## Overview

Quantity:	100 µg
Target:	PHF15
Binding Specificity:	AA 36-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Anti-PHF15/JADE2 Antibody Picoband®
Immunogen:	E.coli-derived mouse Cd14 recombinant protein (Position: D36-A260). Mouse Cd14 shares 68.2% and 85.7% amino acid (aa) sequence identity with human and rat CD14, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-PHF15/JADE2 Antibody Picoband® (ABIN7601467). Tested in ELISA, WB 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:	PHF15
Alternative Name:	JADE2 ( <a href="#">PHF15 Products</a> )
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: PHF15, also known as Protein Jade-2, has 3 isoforms, a 790 amino acid isoform that is 87 kDa, a 789 amino acid isoform that is 87 kDa and a 562 amino acid isoform that is 63 kDa, has a histone H4-specific acetyltransferase activity as a component of the HBO1 complex, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. This protein has been shown an interaction with ING4, KAT7, ING5, PACSIN, ZBTB3, ZBTB5, ZNF496, and VHL proteins in histone H3 acetylation, histone H4-K5 acetylation, histone H4-K8 acetylation, and histone H4-K12 acetylation biological processes.</p>

Molecular Weight: 120 kDa

Gene ID: 23338

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Nagase, T., Seki, N., Ishikawa, K., Ohira, M., Kawarabayasi, Y., Ohara, O., Tanaka, A., Kotani, H., Miyajima, N., Nomura, N. Prediction of the coding sequences of unidentified human genes. VI. The coding sequences of 80 new genes (KIAA0201-KIAA0280) deduced by analysis of cDNA clones from cell line KG-1 and brain. DNA Res. 3: 321-329, 1996. Note: Supplement: DNA Res. 3: 341-354, 1996. 2. Tzouanacou, E., Tweedie, S., Wilson, V. Identification of Jade1, a gene encoding a PHD zinc finger protein, in a gene trap mutagenesis screen for genes involved in anteroposterior axis development. Molec. Cell Biol. 23: 8553-8562, 2003.</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.