

DATASHEET

PHF17 Rabbit Polyclonal Antibody

CAT. NO. APA12866

KEY FEATURES

Target	PHF17	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Scaffold subunit of some HBO1 complexes, which have a histone H4 acetyltransferase activity . Plays a key role in HBO1 complex by directing KAT7/HBO1 specificity towards histone H4 acetylation (H4K5ac, H4K8ac and H4K12ac), regulating DNA replication initiation, regulating DNA replication initiation . May also promote acetylation of nucleosomal histone H4 by KAT5 . Promotes apoptosis . May act as a renal tumor suppressor . Negatively regulates canonical Wnt signaling; at least in part, cooperates with NPHP4 in this function .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:10 - 1:100

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to PHF17
Specificity	Recognizes endogenous levels of PHF17 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PHF17
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 95 kD; Observed: 95 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1807; PHF17; Protein Jade-1; Jade family PHD finger protein 1; PHD finger protein 17
Gene Symbol	JADE1
Entrez Gene	79960(Human); 269424(Mouse)
SwissProt	Q6IE81(Human); Q6ZPI0(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

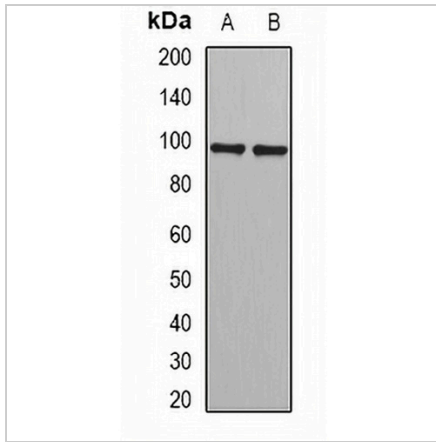
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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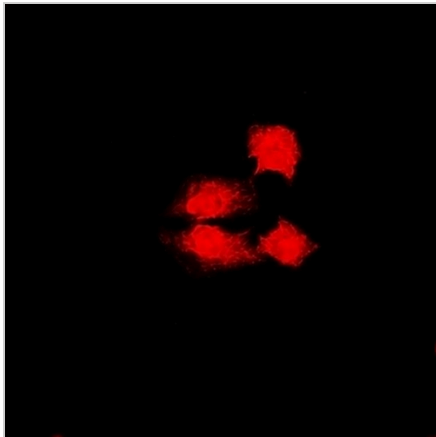
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DATA



Western blot analysis of PHF17 expression in mouse kidney (A), mouse liver (B) whole cell lysates. (Predicted band size: 95 kD; Observed band size: 95 kD)



Immunofluorescent analysis of PHF17 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.