

**DATASHEET**

**TLK2 Rabbit Polyclonal Antibody**

CAT. NO. APA14569

**KEY FEATURES**

Target	TLK2	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	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**

Serine/threonine-protein kinase involved in the process of chromatin assembly and probably also DNA replication, transcription, repair, and chromosome segregation . Phosphorylates the chromatin assembly factors ASF1A and ASF1B . Phosphorylation of ASF1A prevents its proteasome-mediated degradation, thereby enhancing chromatin assembly . Negative regulator of amino acid starvation-induced autophagy .

**APPLICATION**

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

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

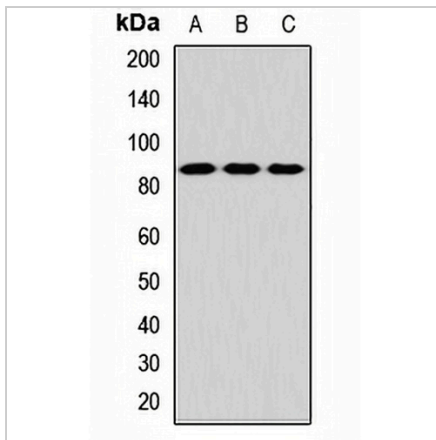
Description	Rabbit polyclonal antibody to TLK2
Specificity	Recognizes endogenous levels of TLK2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TLK2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 82; Observed: 87 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	Serine/threonine-protein kinase tousled-like 2; HsHPK; PKU-alpha; Tousled-like kinase 2
Gene Symbol	TLK2
Entrez Gene	11011(Human); 24086(Mouse)
SwissProt	Q86UE8(Human); O55047(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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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**DATA**

Western blot analysis of TLK2 expression in MCF7 (A), HeLa (B), mouse testis (C) whole cell lysates. (Predicted band size: 82; 85; 87 kD; Observed band size: 87 kD)

**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.