

## Anti-DAPK2 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Dog)
Molecular Weight:	Theoretical: 41 kDa. Actual: 41 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: kidney (mouse) Lysate at 30 µg HepG2 Cell Lysate at 30 µg Primary: Anti-DAPK2 (TMAB-04978) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1:5000 dilution; Predicted band size:41 kD Observed band size: 41 kD
	2. Sample: 293T Cell Lysate at 30 µg Primary: Anti-DAPK2 (TMAB-04978) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1:5000 dilution; Predicted band size: 41 kD Observed band size: 41 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human DAPK2
Antigen Species:	Human
Gene ID:	23604
Uniprot ID:	Q9UIK4

## Research Background

Protein kinase termed (DAPK2) dependant on calcium/calmodulin (Ca<sup>2+</sup>/CaM) contains an N-terminal protein kinase domain followed by a conserved CaM-binding domain with significant homologies to those of DAP kinase, a protein kinase involved in apoptosis. Overexpression of DAPK2 significantly induced the morphological changes characteristic of apoptosis. Results indicate that DAPK2 is an additional member of DAP kinase family involved in apoptotic signaling.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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