

# PBK Rabbit mAb

Catalog # AP76645

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">Q96KB5</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	36085

## Additional Information

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<b>Gene ID</b>	55872
<b>Other Names</b>	PBK
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~1/20
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

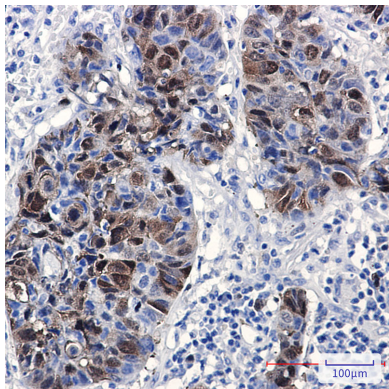
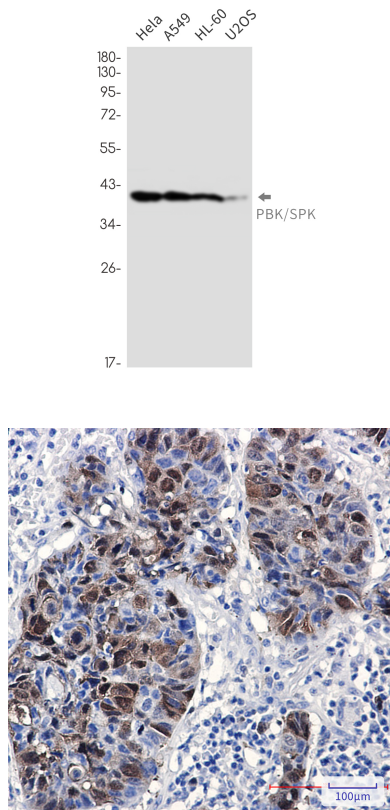
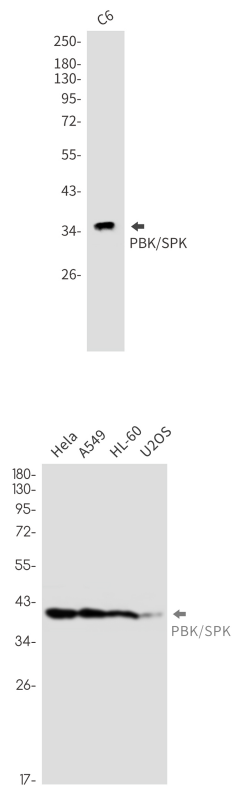
## Protein Information

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<b>Name</b>	PBK
<b>Synonyms</b>	TOPK
<b>Function</b>	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin- induced DNA damage.
<b>Tissue Location</b>	Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.

## Images

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