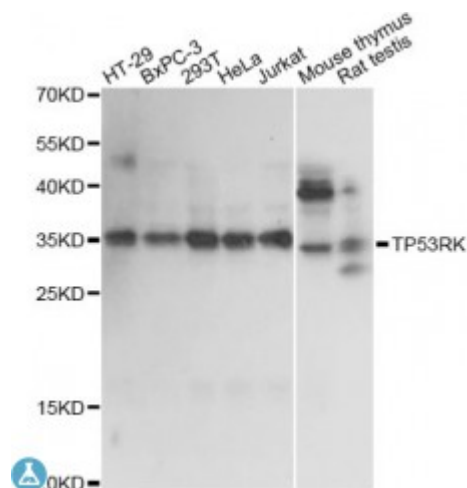


Anti-TP53RK Antibody



Model	STJ117151
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-253 of human TP53RK (NP_291028.3).
Gene ID	112858
Gene Symbol	TP53RK
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Highly expressed in testis, Weakly expressed in heart kidney and spleen
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	TP53-regulating kinase
Molecular Weight	28.16 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16197 OMIM:608679 Reactome:R-HSA-6782315

Alternative Names	TP53-regulating kinase
Function	Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in tRNAs that read codons beginning with adenine, The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37, TP53RK has ATPase activity in the context of the EKC/KEOPS complex and likely plays a supporting role to the catalytic subunit OSGEP , Atypical protein kinase that phosphorylates 'Ser-15' of p53/TP53 protein and may therefore participate in its activation,
Cellular Localization	Nucleus

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