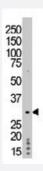


## TP53RK polyclonal antibody

Catalog # PAB3315 Size 400 uL

## **Applications**



### Western Blot (Tissue lysate)

The TP53RK polyclonal antibody (Cat # PAB3315) is used in Western blot to detect TP53Rk in mouse thymus tissue lysate.



# Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with TP53RK polyclonal antibody (Cat # PAB3315), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TP53RK.
lmmunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human TP53RK.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification



#### **Product Information**

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

## **Applications**

Western Blot (Tissue lysate)

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Gene Info — TP53RK	
Entrez GeneID	<u>112858</u>
Protein Accession#	PRPK_HUMAN
Gene Name	TP53RK
Gene Alias	BUD32, C20orf64, Nori-2, Nori-2p, PRPK, dJ101A2
Gene Description	TP53 regulating kinase
Omim ID	<u>608679</u>
Gene Ontology	<u>Hyperlink</u>
Other Designations	OTTHUMP00000108264 p53-related protein kinase

## **Publication Reference**





Identification of CGI-121, a novel PRPK (p53-related protein kinase)-binding protein.

Miyoshi A, Kito K, Aramoto T, Abe Y, Kobayashi N, Ueda N.

Biochemical and Biophysical Research Communications 2003 Apr; 303(2):399.

 Cloning and characterization of a p53-related protein kinase expressed in interleukin-2-activated cytotoxic Tcells, epithelial tumor cell lines, and the testes.

Abe Y, Matsumoto S, Wei S, Nezu K, Miyoshi A, Kito K, Ueda N, Shigemoto K, Hitsumoto Y, Nikawa J, Enomoto Y.

The Journal of Biological Chemistry 2001 Sep; 276(47):44003.

Application: WB-Ce, WB-Tr, Human, COS-7, HEK 293T, MDA-MB-231, MIA PaCa-2, PANC-1 cells

#### Disease

- Genetic Predisposition to Disease
- Kidney Failure
- Narcolepsy