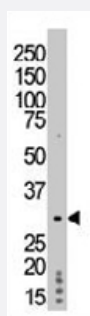


TP53RK polyclonal antibody

Catalog # PAB3315

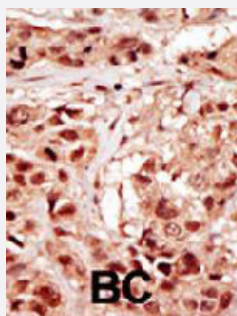
Size 400 uL

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 paraffin-embedded 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.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human TP53RK.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

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 should be handled by trained staff only.

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 paraffin-embedded sections)

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Gene Info — TP53RK

Entrez GeneID	112858
Protein Accession#	PRPK_HUMAN
Gene Name	TP53RK
Gene Alias	BUD32, C20orf64, Nori-2, Nori-2p, PRPK, dJ101A2
Gene Description	TP53 regulating kinase
Omim ID	608679
Gene Ontology	Hyperlink
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 T-cells, 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](#)