

Datasheet for ABIN6145776
anti-PLK2 antibody (AA 322-671)



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4 Images

Overview

Quantity:	100 µL
Target:	PLK2
Binding Specificity:	AA 322-671
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 322-671 of human PLK2 (NP_001239155.1).
Sequence:	QGFTPDRLSS SCCHTVPDFH LSSPAKNFFK KAAAALFGGK KDKARYIDTH NRVSKEDEDI YKLRHDLKKT SITQQPSKHR TDEELQPPTT TVARSGTPAV ENKQQIGDAI RMIVRGTLGS CSSSSECLEL STMGVSADTV ARVLRGCLN MPEADCIPKE QLSTSFQVWT KWVDYSNKYG FGYQLSDHTV GVLFNNGAHM SLLPDKKTVH YYAELGQCSV FPATDAPEQF ISQVTVLKYF SHYMEENLMD GGDLPVTDI RRPRLYLLQW LKSDKALMML FNDGTFQVNF YHDHTKIIC SQNEEYLLTY INEDRISTTF RLTTLLMSGC SSELKNRMEY ALNMLLQRCN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

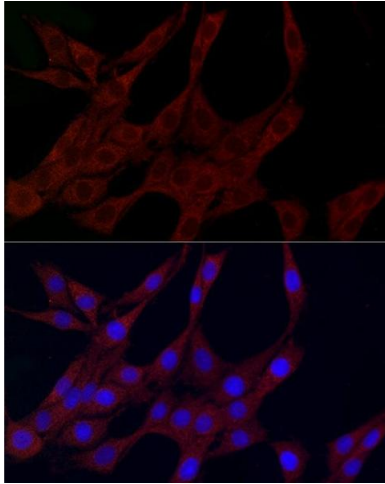
Target:	PLK2
Alternative Name:	PLK2 (PLK2 Products)
Background:	<p>The protein encoded by this gene is a member of the polo family of serine/threonine protein kinases that have a role in normal cell division. This gene is most abundantly expressed in testis, spleen and fetal tissues, and its expression is inducible by serum, suggesting that it may also play an important role in cells undergoing rapid cell division. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,PLK2,SNK,hPlk2,hSNK,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,PLK2</p>
Molecular Weight:	78 kDa
Gene ID:	10769
UniProt:	Q9NYY3

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Restrictions:	For Research Use only

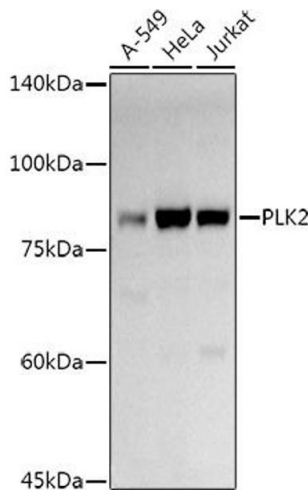
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



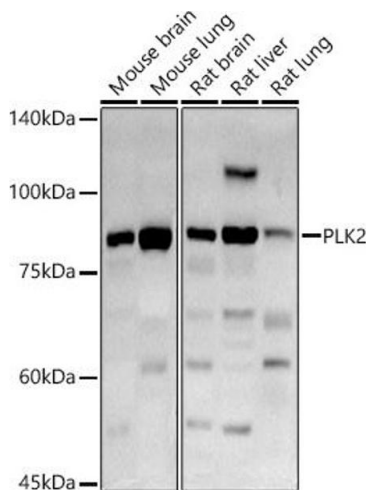
Immunofluorescence

Image 1. Immunofluorescence analysis of PC-12 cells using PLK2 Rabbit pAb (ABIN6132905, ABIN6145776, ABIN6145778 and ABIN6222860) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PLK2 antibody (ABIN6132905, ABIN6145776, ABIN6145778 and ABIN6222860) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PLK2 antibody (ABIN6132905, ABIN6145776, ABIN6145778 and ABIN6222860) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6145776.