



[Go to Product page](#)

Datasheet for ABIN1881666
anti-POLD2 antibody (AA 237-265)

1 Image

4 Publications

Overview

Quantity:	400 µL
Target:	POLD2
Binding Specificity:	AA 237-265
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLD2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This POLD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-265 amino acids from the Central region of human POLD2.
Clone:	RB46018
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POLD2
Alternative Name:	POLD2 (POLD2 Products)

Target Details

Background:	The function of the small subunit is not yet clear.
Molecular Weight:	51289
NCBI Accession:	NP_001120690 , NP_001243808 , NP_006221
UniProt:	P49005
Pathways:	Telomere Maintenance , DNA Damage Repair , DNA Replication , Synthesis of DNA

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

Publications

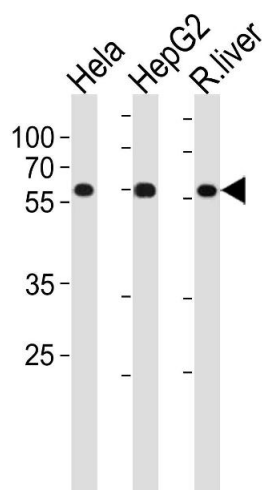
Product cited in:	<p>Sun, Sun, Chen, Liao, He, Wang, Chen, Hu, Qiu: "microRNA-27b shuttled by mesenchymal stem cell-derived exosomes prevents sepsis by targeting JMJD3 and downregulating NF-κB signaling pathway." in: Stem cell research & therapy, Vol. 12, Issue 1, pp. 14, (2021) (PubMed).</p> <p>Reithmair, Buschmann, Märte, Kirchner, Hagl, Kaufmann, Pfob, Chouker, Steinlein, Pfaffl, Schelling: "Cellular and extracellular miRNAs are blood-compartment-specific diagnostic targets in sepsis." in: Journal of cellular and molecular medicine, Vol. 21, Issue 10, pp. 2403-2411, (2018) (PubMed).</p> <p>Youn, Friesen, Kishimoto, Henne, Kurat, Ye, Ceccarelli, Sicheri, Kohlwein, McMahon, Andrews: "Dissecting BAR domain function in the yeast Amphiphysins Rvs161 and Rvs167 during</p>
-------------------	---

endocytosis." in: **Molecular biology of the cell**, Vol. 21, Issue 17, pp. 3054-69, (2010) ([PubMed](#)).

Qian, Shi, Pang, Wu, Yu, Li, Wang, Zhou: "[Identification and expression of two new secretory proteins associated with prostate cancer]." in: **Yi chuan = Hereditas / Zhongguo yi chuan xue hui bian ji**, Vol. 32, Issue 3, pp. 235-41, (2010) ([PubMed](#)).

Hwangbo, Kim, Lee, Lee: "Activation of the integrin effector kinase focal adhesion kinase in cancer cells is regulated by crosstalk between protein kinase Calpha and the PDZ adapter protein mda-9/Syntenin." in: **Cancer research**, Vol. 70, Issue 4, pp. 1645-55, (2010) ([PubMed](#)).

Images



Western Blotting

Image 1. POLD2 Antibody (Center) (ABIN1881666 and ABIN2843420) western blot analysis in HeLa, HepG2 cell line and rat liver tissue lysates (35 µg/lane). This demonstrates the POLD2 antibody detected the POLD2 protein (arrow).