

Datasheet for ABIN1881667

anti-POLDIP3 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	POLDIP3
Binding Specificity:	AA 93-120, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLDIP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This POLDIP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the N-terminal region of human POLDIP3.
Clone:	RB42671
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POLDIP3
Alternative Name:	POLDIP3 (POLDIP3 Products)

Target Details

Background:	This gene encodes a protein that interacts with the DNA polymerase delta p50 subunit. This protein is a specific target of S6 kinase 1 and regulates cell growth. Two transcript variants that encode different protein isoforms have been identified. [provided by RefSeq].
Molecular Weight:	46089
NCBI Accession:	NP_115687 , NP_835237
UniProt:	Q9BY77

Application Details

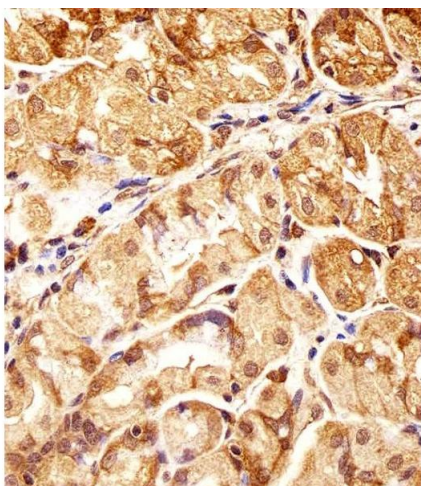
Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:25
Restrictions:	For Research Use only

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

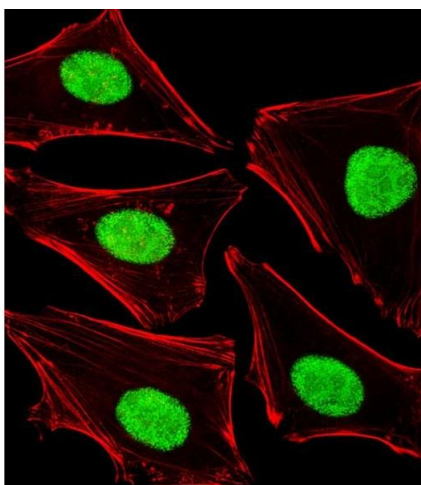
Publications

Product cited in:	<p>Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: Journal of infection in developing countries, Vol. 4, Issue 10, pp. 597-608, (2010) (PubMed).</p> <p>Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in: Cancer research, Vol. 70, Issue 21, pp. 8937-47, (2010) (PubMed).</p>
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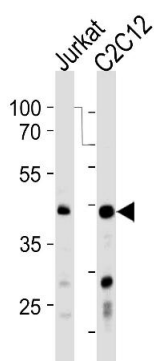
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. stomach section using POLDIP3 Antibody (N-term) (ABIN1881667 and ABIN2838983). (ABIN1881667 and ABIN2838983) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Immunofluorescence

Image 2. Fluorescent image of Hela cells stained with POLDIP3 Antibody (N-term) (ABIN1881667 and ABIN2838983). (ABIN1881667 and ABIN2838983) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western Blotting

Image 3. POLDIP3 Antibody (N-term) (ABIN1881667 and ABIN2838983) western blot analysis in Jurkat, mouse C2C12 cell line lysates (35 µg/lane). This demonstrates the POLDIP3 Antibody antibody detected the POLDIP3 protein (arrow).