

ARG45437 anti-POLDIP2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes POLDIP2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	POLDIP2
Species	Human
Immunogen	Recombinant protein containing to human POLDIP2.
Conjugation	Un-conjugated
Alternate Names	POLDIP2; DNA Polymerase Delta Interacting Protein 2; PDIP38; Polymerase (DNA-Directed), Delta Interacting Protein 2; 38 KDa DNA Polymerase Delta Interaction Protein; Polymerase Delta-Interacting Protein 2; DKFZP586F1524; POLD4; P38; Polymerase (DNA) Delta Interacting Protein 2; Polymerase Delta Interacting Protein 38

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IP	0.5-2 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	36 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	POLDIP2
Gene Full Name	DNA Polymerase Delta Interacting Protein 2
Background	This gene encodes a protein that interacts with the DNA polymerase delta p50 subunit, as well as with proliferating cell nuclear antigen. The encoded protein maybe play a role in the ability of the replication fork to bypass DNA lesions. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Function	Involved in DNA damage tolerance by regulating translesion synthesis (TLS) of templates carrying DNA damage lesions such as 8oxoG and abasic sites. [UniProt]
Calculated Mw	42 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Mitochondrion; Nucleus. [UniProt]