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POLDIP2 Rabbit mAb

Catalog # AP75931

Product Information

Application	WB, FC, IP
Primary Accession	Q9Y2S7
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	42033

Additional Information

Gene ID	26073
Other Names	POLDIP2
Dilution	WB~~1:500-1:1000 FC~~1:10~50 IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

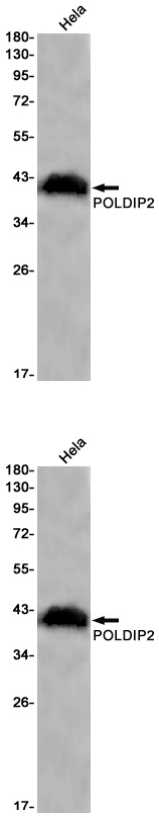
Name	POLDIP2 {ECO:0000303|PubMed:26984527, ECO:0000312|HGNC:HGNC:23781}
Function	Involved in DNA damage tolerance by regulating translesion synthesis (TLS) of templates carrying DNA damage lesions such as 8oxoG and abasic sites (PubMed:24191025). May act by stimulating activity of DNA polymerases involved in TLS, such as PRIMPOL and polymerase delta (POLD1) (PubMed:24191025, PubMed:26984527).
Cellular Location	Mitochondrion matrix. Nucleus Note=Mainly localizes to the mitochondrial matrix; a small fraction localizes in the nucleus.

Background

Involved in DNA damage tolerance by regulating translesion synthesis (TLS) of templates carrying DNA

damage lesions such as 8oxoG and abasic sites.

Images



Western blot analysis of POLDIP2 in Hela lysates using POLDIP2 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.