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POLI Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant POLI.
Catalog # AT3370a

Product Information

Application	WB, E
Primary Accession	Q9UNA4
Other Accession	BC032662
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	8G9
Calculated MW	83006

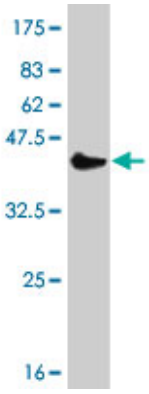
Additional Information

Gene ID	11201
Other Names	DNA polymerase iota, Eta2, RAD30 homolog B, POLI, RAD30B
Target/Specificity	POLI (AAH32662, 616 a.a. ~ 715 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	POLI Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

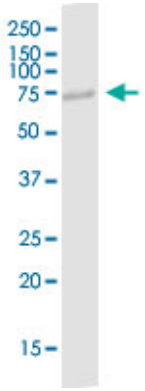
References

1.Rev1, Rev3, or Rev7 siRNA Abolishes Ultraviolet Light-Induced Translesion Replication in HeLa Cells: A Comprehensive Study Using Alkaline Sucrose Density Gradient Sedimentation.Takezawa J, Ishimi Y, Aiba N, Yamada K.J Nucleic Acids. 2010 Dec 1;2010:750296.2.Evidence that in xeroderma pigmentosum variant cells, which lack DNA polymerase eta, DNA polymerase iota causes the very high frequency and unique spectrum of UV-induced mutations.Wang Y, Woodgate R, McManus TP, Mead S, McCormick JJ, Maher VM.Cancer Res. 2007 Apr 1;67(7):3018-26.

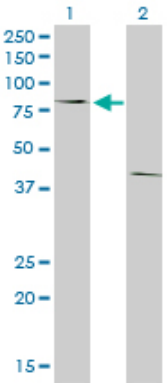
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

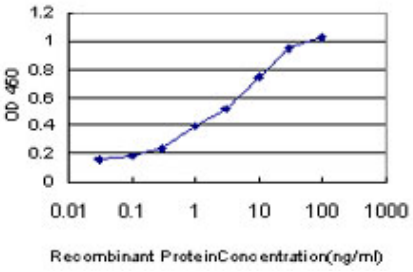


POLI monoclonal antibody (M01), clone 8G9. Western Blot analysis of POLI expression in U-2 OS.



Western Blot analysis of POLI expression in transfected 293T cell line by POLI monoclonal antibody (M01), clone 8G9.

Lane 1: POLI transfected lysate(80.3 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged POLI is approximately 0.1ng/ml as a capture antibody.

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