

POLE2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant POLE2.

Catalog # AT3369a

Product Information

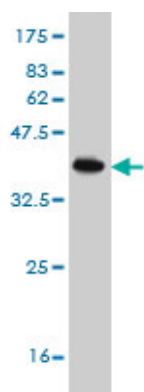
Application	WB
Primary Accession	P56282
Other Accession	NM_002692
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1A3
Calculated MW	59537

Additional Information

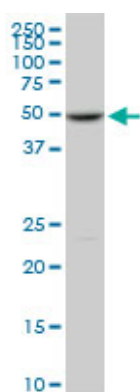
Gene ID	5427
Other Names	DNA polymerase epsilon subunit 2, DNA polymerase II subunit 2, DNA polymerase epsilon subunit B, POLE2, DPE2
Target/Specificity	POLE2 (NP_002683, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	POLE2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

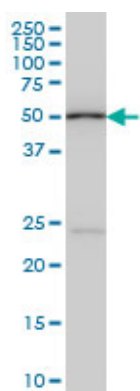
Mutations/polymorphisms in the 55 kDa subunit of DNA polymerase epsilon in human colorectal cancer. Zhou Q, et al. Cancer Genomics Proteomics, 2009 Nov-Dec. PMID 20065316. Genetic polymorphisms in 85 DNA repair genes and bladder cancer risk. Michiels S, et al. Carcinogenesis, 2009 May. PMID 19237606. The solution structure of the amino-terminal domain of human DNA polymerase epsilon subunit B is homologous to C-domains of AAA+ proteins. Nuutinen T, et al. Nucleic Acids Res, 2008 Sep. PMID 18676977. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.



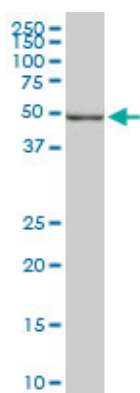
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



POLE2 monoclonal antibody (M01), clone 1A3. Western Blot analysis of POLE2 expression in PC-12 ((Cat # AT3369a)

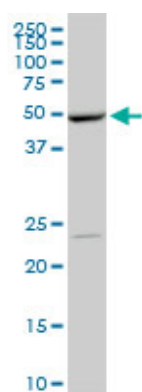


POLE2 monoclonal antibody (M01), clone 1A3 Western Blot analysis of POLE2 expression in HeLa S3 NE ((Cat # AT3369a)



POLE2 monoclonal antibody (M01), clone 1A3. Western Blot analysis of POLE2 expression in Raw 264.7 ((Cat # AT3369a)

POLE2 monoclonal antibody (M01), clone 1A3. Western Blot analysis of POLE2 expression in NIH/3T3 ((Cat # AT3369a)



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