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EXO1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EXO1.
Catalog # AT1962a

Product Information

Application	WB
Primary Accession	Q9UQ84
Other Accession	BC007491
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1G12
Calculated MW	94103

Additional Information

Gene ID	9156
Other Names	Exonuclease 1, hExo1, 31--, Exonuclease I, hExoI, EXO1, EXOI, HEX1
Target/Specificity	EXO1 (AAH07491, 747 a.a. ~ 846 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	EXO1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

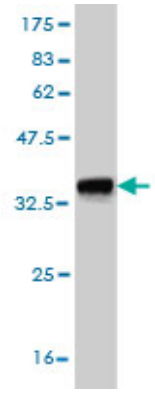
This gene encodes a protein with 5' to 3' exonuclease activity as well as an RNase H activity. It is similar to the Saccharomyces cerevisiae protein Exo1 which interacts with Msh2 and which is involved in mismatch repair and recombination. Alternative splicing of this gene results in three transcript variants encoding two different isoforms.

References

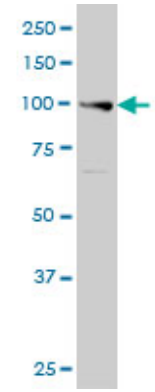
A Large-scale genetic association study of esophageal adenocarcinoma risk. Liu CY, et al. Carcinogenesis, 2010 Jul. PMID 20453000.Delineation of WRN helicase function with EXO1 in the replicational stress response. Aggarwal M, et al. DNA Repair (Amst), 2010 Jul 1. PMID 20447876.Personalized smoking cessation:

interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Single-nucleotide polymorphism of the Exo1 gene: association with gastric cancer susceptibility and interaction with smoking in Taiwan. Bau DT, et al. Chin J Physiol, 2009 Dec 31. PMID 20337148.Distinct activities of exonuclease 1 and flap endonuclease 1 at telomeric g4 DNA. Vallur AC, et al. PLoS One, 2010 Jan 26. PMID 20126648.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



EXO1 monoclonal antibody (M01), clone 1G12 Western Blot analysis of EXO1 expression in A-431 ((Cat # AT1962a)

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