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ZNRD1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ZNRD1.
Catalog # AT4648a

Product Information

Application	WB, E
Primary Accession	Q9P1U0
Other Accession	NM_014596
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	6C12
Calculated MW	13904

Additional Information

Gene ID	30834
Other Names	DNA-directed RNA polymerase I subunit RPA12, Zinc ribbon domain-containing protein 1, ZNRD1, RPA12
Target/Specificity	ZNRD1 (NP_055411, 24 a.a. ~ 126 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	ZNRD1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

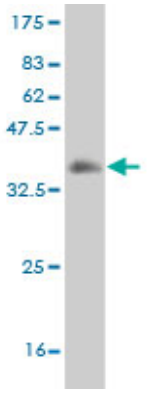
This gene encodes a protein with similarity to the Saccharomyces cerevisiae Rpa12p subunit of RNA polymerase I. Alternate splicing of this gene results in two transcript variants encoding the same protein. Additional splice variants have been described, but their full-length sequences have not been determined.

References

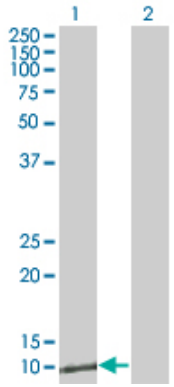
Examination of genetic polymorphisms in newborns for signatures of sex-specific prenatal selection. Ucisik-Akkaya E, et al. Mol Hum Reprod, 2010 Oct. PMID 20587610.ZNRD1 (zinc ribbon domain-containing 1) is a host cellular factor that influences HIV-1 replication and disease progression. Ballana E, et al. Clin Infect

Dis, 2010 Apr 1. PMID 20192730.Common genetic variation and the control of HIV-1 in humans. Fellay J, et al. PLoS Genet, 2009 Dec. PMID 20041166.High-density SNP screening of the major histocompatibility complex in systemic lupus erythematosus demonstrates strong evidence for independent susceptibility regions. Barcellos LF, et al. PLoS Genet, 2009 Oct. PMID 19851445.The HLA-B/-C haplotype block contains major determinants for host control of HIV. Trachtenberg E, et al. Genes Immun, 2009 Dec. PMID 19693088.

Images

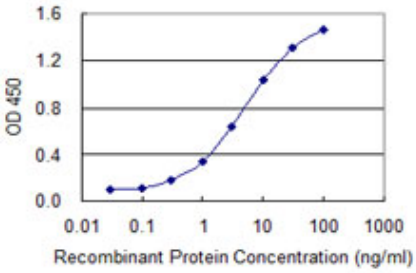


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.07 KDa) .



Western Blot analysis of ZNRD1 expression in transfected 293T cell line by ZNRD1 monoclonal antibody (M01), clone 6C12.

Lane 1: ZNRD1 transfected lysate(13.9 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ZNRD1 is 0.1 ng/ml as a capture antibody.

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