UBN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UBN1, Polyclonal Antibody
Full Product Name	UBN1 Polyclonal Antibody
Product Gene Name	anti-UBN1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	119kDa; 122kDa; 123kDa
OMIM	609771
3D Structure	ModBase 3D Structure for Q9NPG3
Immunogen	A synthetic peptide of mouse UBN1 (NP_080942.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-UBN1 antibody	Western Blot (WB)
Application Notes for anti-UBN1 antibody	WB: 1:500-1:2000
Related Product Information for anti-UBN1 antibody	Cellular senescence is a hallmark of tumor suppression and tissue aging. Senescent cells contain domains of heterochromatin, called senescence-associated heterochromatin foci (SAHF), that repress proliferation-promoting genes. The protein encoded by this gene binds to proliferation-promoting genes and is required for SAHF formation, enhancing methylation of histone H3.
Other Notes	Small volumes of anti-UBN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBN1 purchase	MBS8566719 is an antibody targeting UBN1. Also known as UBN1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBN1. It may not necessarily be applicable to this product.

NCBI GI #	568815684
NCBI GeneID	29855
UniProt Primary Accession #	Q9NPG3
UniProt Related Accession #	Q9NPG3

GenBank Nucleotide #	NP_001275585.1
NCBI Official Full Name	ubinuclein-1 isoform b
NCBI Official Synonym Full Names	ubinuclein 1
NCBI Official Symbol	UBN1
NCBI Official Synonym Symbols	VT; VT4
UniProt Protein Name	Ubinuclein-1
UniProt Synonym Protein Names	HIRA-binding protein; Protein VT4; Ubiquitously expressed nuclear protein
Protein Family	Ubinuclein
UniProt Gene Name	UBN1
UniProt Entry Name	UBN1_HUMAN
NCBI Protein Information	ubinuclein-1
UniProt Comments for UBN1	UBN1: a transcriptional regulator that interacts with the basic domain of the viral and cellular bZIP transcription factors including c-Jun and epstein-barr virus proteins BZLF1 and CEBPA. Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: nucleoplasm; nucleus; PML body; tight junction Molecular Function: DNA binding; protein binding; transcription factor activity Biological Process: chromatin modification; DNA replication-independent nucleosome assembly; regulation of transcription from RNA polymerase II promoter; viral reproduction
Research Articles on UBN1	**1.** analysis of the trimeric HIRA, UBN1 and CABIN1 H3.3 histone chaperone complex
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