RTN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RTN1, Polyclonal Antibody
Full Product Name	Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) RTN1 Polyclonal Antibody
Product Gene Name	anti-RTN1 antibody
Product Synonym Names	RTN1 Antibody; Reticulon-like protein 1; Cell lysis protein cwl1; rtn1 cwl1 SPBC31A8.01c SPBC651.13c
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	33,659 Da
Chromosome Location	Chromosome: II; NC_003423.3 (1262298..1263772, complement). Location: chromosome: II
3D Structure	ModBase 3D Structure for P53694
Immunogen	Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) rtn1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RTN1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-RTN1 antibody	MBS7160534 is an antibody targeting RTN1. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) RTN1 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit.
Other Notes	Small volumes of anti-RTN1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RTN1. It may not necessarily be applicable to this product.

NCBI GI #	162312180
NCBI GeneID	3361269
NCBI Accession #	NP_001018789.2
UniProt Primary Accession #	P53694

UniProt Related Accession #	P53694
GenBank Nucleotide #	NM_001021421.3
NCBI Official Full Name	reticulon-like protein Rtn1
NCBI Official Symbol	rtn1
NCBI Official Synonym Symbols	cwl1; SPBC651.13c
UniProt Protein Name	Reticulon-like protein 1
UniProt Synonym Protein Names	Cell lysis protein cwl1
Protein Family	Reticulon
UniProt Gene Name	rtn1
UniProt Synonym Gene Names	cwl1
UniProt Entry Name	RTN1_SCHPO
NCBI Protein Information	reticulon-like protein Rtn1
UniProt Comments for RTN1	Function: Required for the correct positioning of the cellular division plane by delimiting the actomyosin ring assembly at the cell equator. Overexpression causes cell lysis. Ref.3 Subunit structure: Interacts with TTS1 and YOP1. Ref.3 Subcellular location: Endoplasmic reticulum membrane; Multi-pass membrane protein. Nucleus membrane; Multi-pass membrane protein. Note: Enriched at the cell equator during mitosis. Ref.3 Sequence similarities: Contains 1 reticulon domain.
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