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SRBD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11054b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8N5C6
Other Accession	NP_060549.4
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28716
Calculated MW	111776
Antigen Region	934-963

Additional Information

Gene ID	55133
Other Names	S1 RNA-binding domain-containing protein 1, SRBD1
Target/Specificity	This SRBD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 934-963 amino acids from the C-terminal region of human SRBD1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SRBD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SRBD1
Function	DNA- and histone-binding protein that localizes to the central axes of mitotic chromosomes (PubMed:39955279, PubMed:40106440). Promotes chromosome segregation by facilitating TOP2A recruitment to mitotic

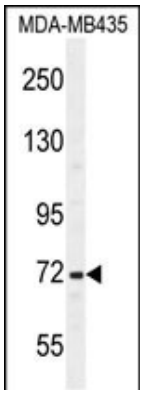
chromosomes, thereby preventing anaphase failure (PubMed:39955279). During prophase, safeguards the decatenation process to avoid the formation of difficult-to-resolve DNA structures, preventing chromosome missegregation (PubMed:40106440). Also contributes to the regulation of nucleus pulposus cell senescence (PubMed:38169523).

Cellular Location Nucleus. Nucleus, nucleolus. Cytoplasm. Chromosome

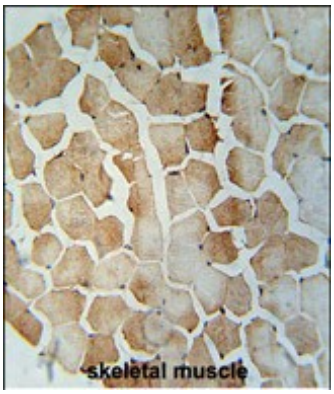
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Meguro, A., et al. Ophthalmology 117(7):1331-1338(2010)
Trynka, G., et al. Gut 58(8):1078-1083(2009)

Images



SRBD1 Antibody (C-term) (Cat. #AP11054b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the SRBD1 antibody detected the SRBD1 protein (arrow).



SRBD1 Antibody (C-term) (Cat. #AP11054b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SRBD1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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