

Datasheet for ABIN343714

anti-Ubinuclein 1 antibody (AA 1-190)[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	Ubinuclein 1 (UBN1)
Binding Specificity:	AA 1-190
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ubinuclein 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein corresponding to amino acids 1-190 of ubinuclein 1.
Clone:	UBN1-02
Isotype:	IgG
Specificity:	The antibody UBN1-02 recognizes N-terminal part of ubinuclein 1 (UBN1), a widely expressed nuclear and adhesion complex protein. Western blotting analysis reveals UBN1 as a 165 kDa band.
Cross-Reactivity (Details):	Human, Other species Not tested
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

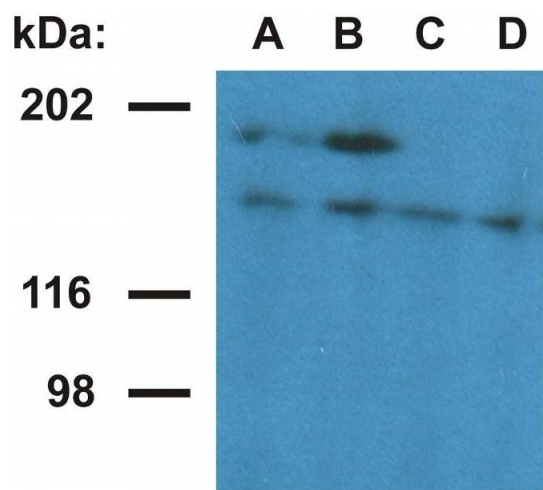
Target:	Ubinuclein 1 (UBN1)
Alternative Name:	Ubinuclein 1 (UBN1 Products)
Background:	Ubinuclein 1,Ubinuclein 1 (UBN1) is a ubiquitously expressed evolutionarily conserved protein which binds to proliferation-promoting genes that are repressed by formation of senescence-associated heterochromatin foci (SAHF). Ubinuclein 1 associates with various transcription factors and with histone methyltransferase activity, is indispensable for SAHF formation and appears to be a regulator of senescence. Although in most cells ubinuclein is localized to the nucleus, in cells forming tight junctions it is recruited to the cell adhesion complexes, dependently on the cell density.,Ubinuclein 1, VT4
Gene ID:	29855
UniProt:	Q6PIZ9

Application Details

Application Notes:	Western blotting: Recommended dilution: 1-5 µg/mL, positive control: HeLa cell line.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Western Blotting

Image 1. Western blotting analysis of ubinuclein in nuclear fraction of HeLa cells. The monoclonal antibody UBN1-01 (lane A, B) detects ubinuclein 1 (165 kDa) and an 180 kDa protein - presumable ubinuclein 2. The antibody UBN1-02 (lane C, D) detects ubinuclein 1. Antibody dilution: A, C - 1 μ g/ml; B, D - 5 μ g/ml.