

Datasheet for ABIN6972900
anti-Ubinuclein 1 antibody (AA 1-345)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Ubinuclein 1 (UBN1)
Binding Specificity:	AA 1-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Ubinuclein antibody was raised against a recombinant protein corresponding to amino acids 1-345 of human Ubn1.
Isotype:	IgG
Characteristics:	UBN1 (Ubinuclein 1, also known as HIRA binding protein) is a ubiquitously expressed nuclear protein that acts as a novel regulator of senescence. UBN1 is involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. It is expressed in a number of cancer cell lines and tumors and may be required for replication-independent chromatin assembly. UBN1 is part of a large multi-subunit protein complex that interacts with CEBPA and Epstein-Barr virus BLZF1. It co-localizes with HIRA, PML and SP100 in the PML bodies of senescent cells. When overexpressed, UBN1 accumulates in the nucleus of cells defective for cytokinesis. Ubn1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.

Product Details

Purification: Affinity Purified

Target Details

Target: Ubinuclein 1 (UBN1)

Alternative Name: Ubn1 ([UBN1 Products](#))

Molecular Weight: 145 kDa

NCBI Accession: [NP_001072982](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

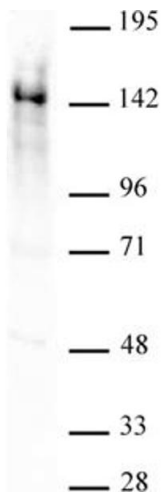
Buffer: Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. Ubn1 antibody (pAb) tested by Western blot. Nuclear extract of HeLa cells (40 µg) probed with Ubn1 antibody at a dilution of 1:500.