



# UBN-1 Polyclonal Antibody

Cat No: HR1AP6805

For research use only

## Overview

Product Name	UBN-1 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GenID?Human?	UBN1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	UBN1; Ubinuclein-1; HIRA-binding protein; Protein VT4; Ubiquitously expressed nuclear protein
Background	function:Acts as a novel regulator of senescence. Involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. Binds to proliferation-promoting genes. May be required for replication-independent chromatin assembly.,similarity:Belongs to the ubinuclein family.,subcellular location:Localized as a nuclear speckled-like pattern in proliferating primary fibroblasts. Colocalizes with HIRA, PML and SP100 in PML bodies of senescent cells. Colocalizes with TJP1 and CLDN1. Detected along the upper granular cell layer of epidermis. When overexpressed, accumulates in the nucleus in cells showing defective cytokinesis.,subunit:Component of a complex that includes at least ASF1A, CABIN1, HIRA, histone H3.3 and UBN1. Interacts with Epstein-Barr virus BZLF1. Interacts with HIRA (via WD repeat domain); the interaction is direct. Interacts with ASF1A, CEBPA, TJP1, TJP2 and TJP3.,tissue specificity:Ubiquitous. Also expressed in numerous tumors and cancer cell lines. ,